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standard contents

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CURRENT BUILDING

Major Buildings described:
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Buildings in the News
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Architectural Appointments Wanted and Vacant

No. 3158] [VOL. 122

THE ARCHITECTURAL PRESS

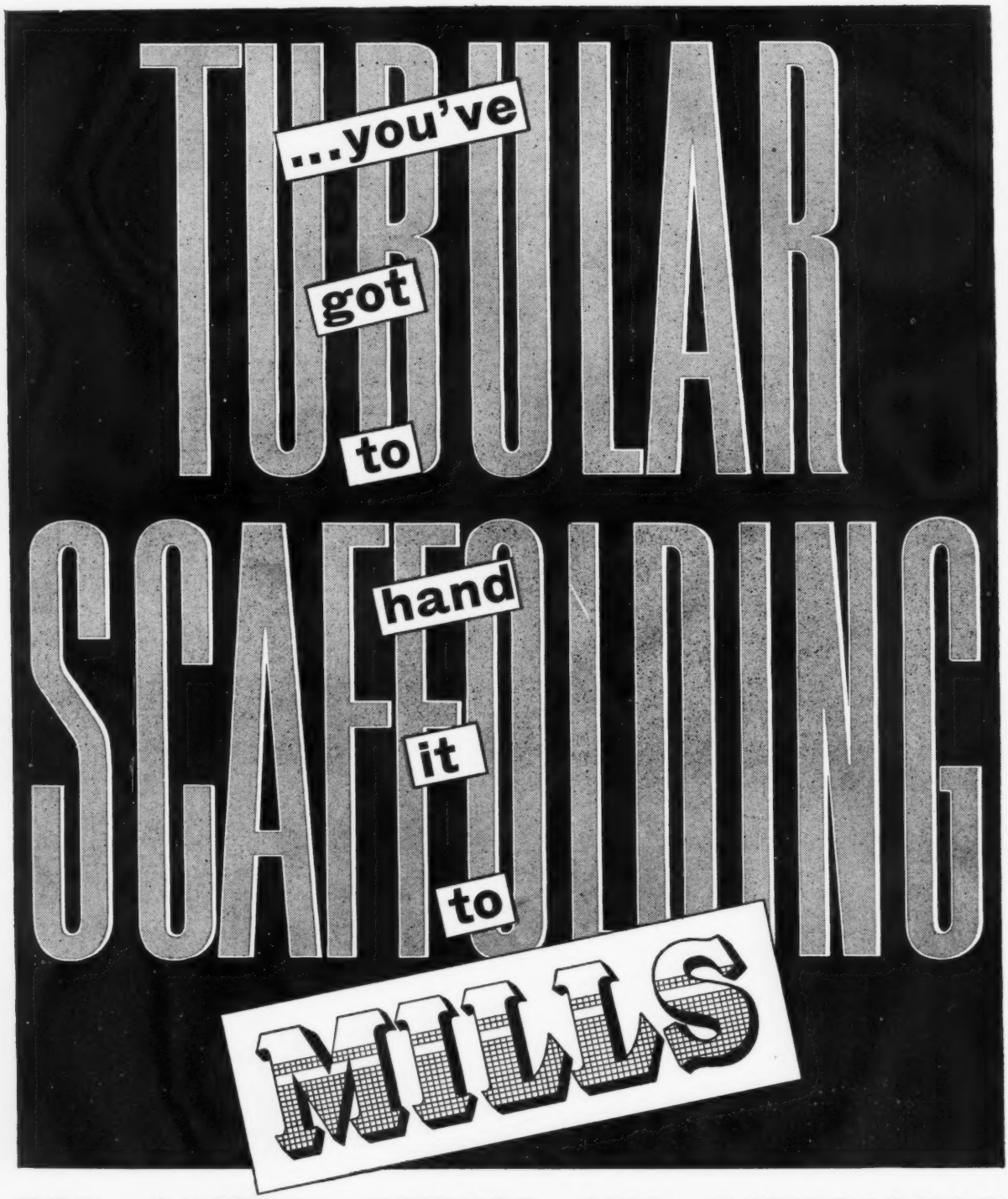
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★ A glossary of abbreviations of Government Departments and Societies and Committees of all kinds, together with their full address and telephone numbers. The glossary is published in two parts—A to Ie one week, Ig to Z the next. In all cases where the town is not mentioned the word LONDON is implicit in the address.

IGE	Institution of Gas Engineers. 17, Grosvenor Crescent, S.W.1.	Sloane 8266
IHVE	Institution of Heating and Ventilating Engineers. 49, Cadogan Square.	Sloane 1601/3158
IIBDID	Incorporated Institute of British Decorators and Interior Designers. Drayton House, Gordon Street, W.C.1.	Euston 2450
ILA	Institute of Landscape Architects. 12, Gower Street, W.C.1.	Museum 1783
I of Arb	Institute of Arbitrators. 35/37, Hastings House, 10, Norfolk Street, Strand, W.C.2.	Temple Bar 4071
IOB	Institute of Builders. 48, Bedford Square, W.C.1.	Museum 7197/5176
IQS	Institute of Quantity Surveyors, 98, Gloucester Place, W.1.	Welbeck 1859
IR	Institute of Refrigeration. Dalmeny House, Monument Street, E.C.3.	Avenue 6851
IRA	Institute of Registered Architects. 47, Victoria Street, S.W.1.	Abbey 6172
ISE	Institute of Structural Engineers. 11, Upper Belgrave Street, S.W.1.	Sloane 7128
LDA	Lead Development Association. Eagle House, Jermyn Street, S.W.1.	Whitehall 7264/4175
LMBA	London Master Builders' Association. 47, Bedford Square, W.C.1.	Museum 3891
LSPC	Lead Sheet and Pipe Council. Eagle House, Jermyn Street, S.W.1.	Whitehall 7264/4175
MARS	Modern Architectural Research Group (English Branch of CIAM). Secretary: Trevor Dannatt A.R.I.B.A., 71, Blandford Street, W.1.	Welbeck 4713
MOA	Ministry of Agriculture and Fisheries. 55, Whitehall, S.W.1.	Whitehall 3400
MOE	Ministry of Education. Curzon Street House, Curzon Street, W.1.	Mayfair 9400
MOH	Ministry of Health. 23, Savile Row, W.1.	Regent 8411
MOHLG	Ministry of Housing and Local Government. Whitehall, S.W.1.	Whitehall 4300
MOLNS	Ministry of Labour and National Service. 8, St. James' Square, S.W.1.	Whitehall 6200
MOS	Ministry of Supply. Shell Mex House, Victoria Embankment, W.C.	Gerrard 6933
MOT	Ministry of Transport. Berkeley Square House, Berkeley Square, W.1.	Mayfair 9494
MOW	Ministry of Works. Lambeth Bridge House, S.E.1.	Reliance 7611
NAMMC	Natural Asphalte Mine Owners and Manufacturers Council. 94/98, Petty France, S.W.1.	Abbey 1010
NAS	National Association of Shopfitters. 9, Victoria Street, S.W.1.	Abbey 4813
NBR	National Buildings Record. 31, Chester Terrace, Regent's Park, N.W.1.	Welbeck 0619
NCBMP	National Council of Building Material Producers. 10 Storey's Gate, S.W.1.	Abbey5111
NEFMAI	National Employers Federation of the Mastic Asphalt Industry. 21, John Adam Street, Adelphi, W.C.2.	Trafalgar 3927
NFBTE	National Federation of Building Trades Employers. 82, New Cavendish Street, W.1.	Langham 4041/4054
NFBTO	National Federation of Building Trades Operatives. Federal House, Cedars Road, Clapham, S.W.4.	Macaulay 4451
NFHS	National Federation of Housing Societies. 12, Suffolk St., S.W.1.	Whitehall 1693
NHBRC	National House Builders Registration Council. 82, New Cavendish Street, W.1.	Langham 4341
N.P.L.	National Physical Laboratory. Head Office, Teddington.	Molesey 1380
NSAS	National Smoke Abatement Society. Chandos House, Buckingham Gate. S.W.1.	Abbey 1359
NT	National Trust for Places of Historic Interest or Natural Beauty. 42, Queen Anne's Gate, S.W.1.	Whitehall 0211
PEP	Political and Economic Planning. 16, Queen Anne's Gate, S.W.1.	Whitehall 7245
RCA	Reinforced Concrete Association. 94, Petty France, S.W.1.	Abbey 4504
RIAS	Royal Incorporation of Architects in Scotland. 15, Rutland Square, Edinburgh.	Fountainbridge 7631
RIBA	Royal Institute of British Architects. 66, Portland Place, W.1.	Langham 5721
RICS	Royal Institution of Chartered Surveyors. 12, Great George St., S.W.1.	Whitehall 5322/9242
RFAC	Royal Fine Art Commission. 22A, Queen Anne's Gate, S.W.1.	Whitehall 3935
RS	Royal Society. Burlington House, Piccadilly, W.1.	Regent 3335
RSA	Royal Society of Arts. 6, John Adam Street, W.C.2.	Trafalgar 2366
RSFH	Royal Society for the promotion of Health. 90, Buckingham Palace Road, S.W.1.	Sloane 5134
RIB	Rural Industries Bureau. 35, Camp Road, Wimbledon, S.W.19.	Wimbledon 5101
SBPM	Society of British Paint Manufacturers. Grosvenor Gardens House, Grosvenor Gardens, S.W.1.	Victoria 2186
SCR	Society for Cultural Relations with the USSR. 14, Kensington Square, London, W.8.	Western 1571
SE	Society of Engineers. 17, Victoria Street, Westminster, S.W.1.	Abbey 7244
SFMA	School Furniture Manufacturers' Association. 30, Cornhill, London, E.C.3.	Mansion House 3921
SIA	Structural Insulation Association. 32, Queen Anne Street, W.1.	Langham 7616
SNHTPC	Scottish National Housing. Town Planning Council. Hon. Sec., Robert Pollock, Town Clerk, Rutherglen.	
SPAB	Society for the Protection of Ancient Buildings. 55, Great Ormond Street, W.C.1.	Holborn 2646
TCPA	Town and Country Planning Association. 28, King Street, Covent Garden, W.C.2.	Temple Bar 5006
TDA	Timber Development Association. 21, College Hill, E.C.4.	City 4771
TPI	Town Planning Institute. 18, Ashley Place, S.W.1.	Victoria 8815
TTF	Timber Trades Federation. 75, Cannon Street, E.C.4.	City 5051
WDC	War Damage Commission. 6, Carlton House Terrace, S.W.1.	Whitehall 4341
ZDA	Zinc Development Association. 34, Berkeley Square, W.1.	Grosvenor 6636



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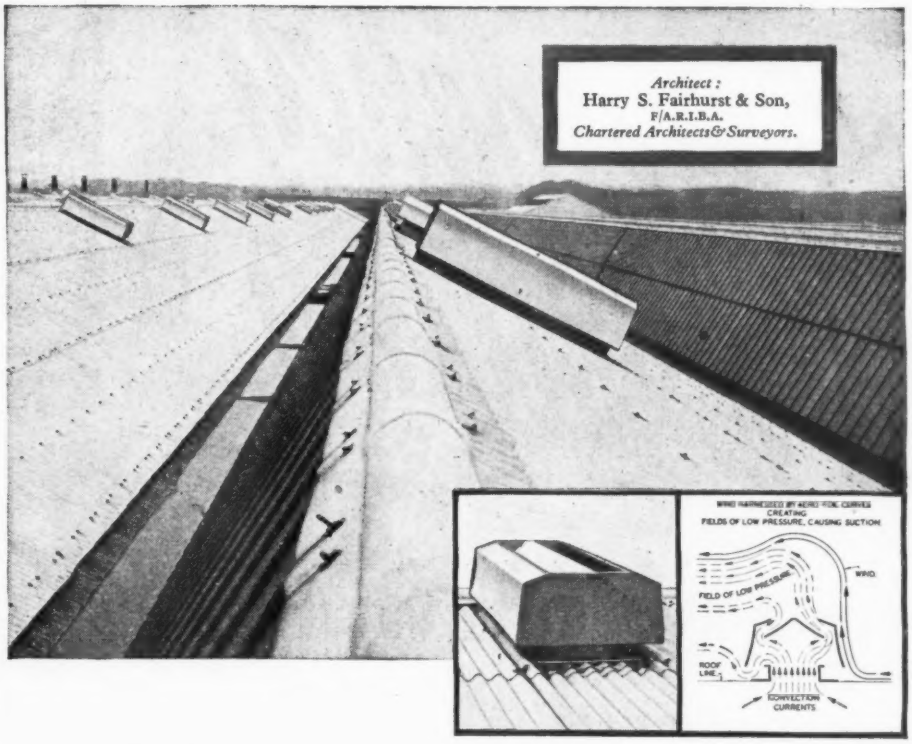
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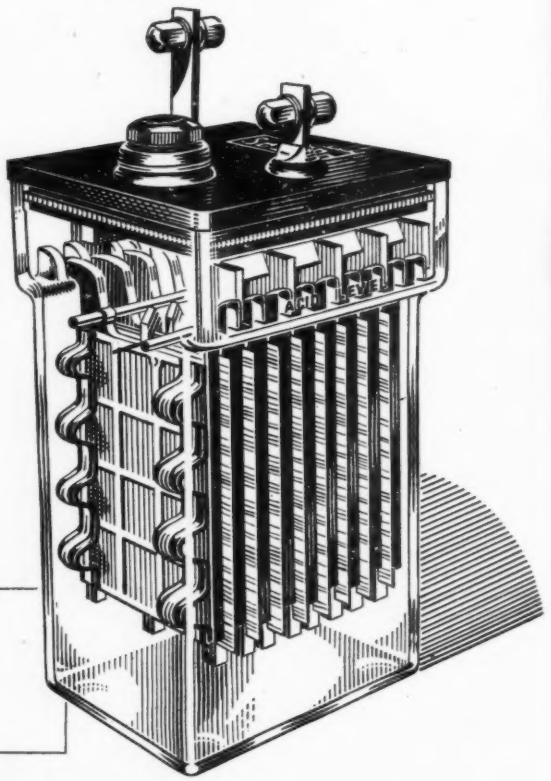
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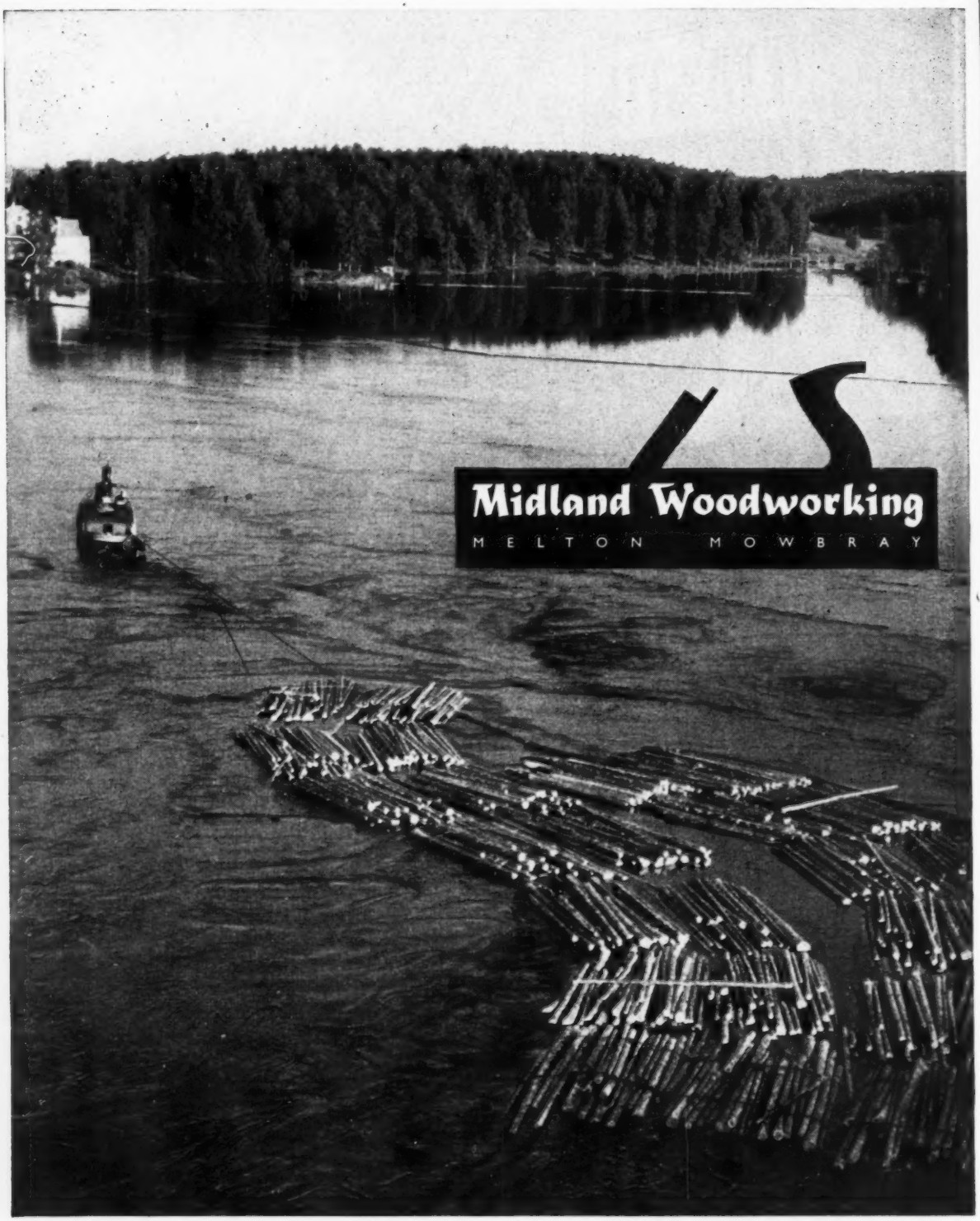
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THE THEORY governing mortars for brickwork is that the mortar joint should always be weaker than the brick, so that when thermal or moisture movement takes place in the structure as a whole, the joints craze or crack in preference to the possible formation of major structural cracks in the bricks.

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As, however, lime expands and cement contracts during hydration, two opposing stresses are set up in the mortar during the drying out and hardening processes and this is very largely the basic cause of the quite common crazing and movements of joints away from the brickwork. The development of mortar plasticisers now makes it possible to adopt lean cement and sand mixes without resorting to the addition of lime.

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Mortars for brickwork.

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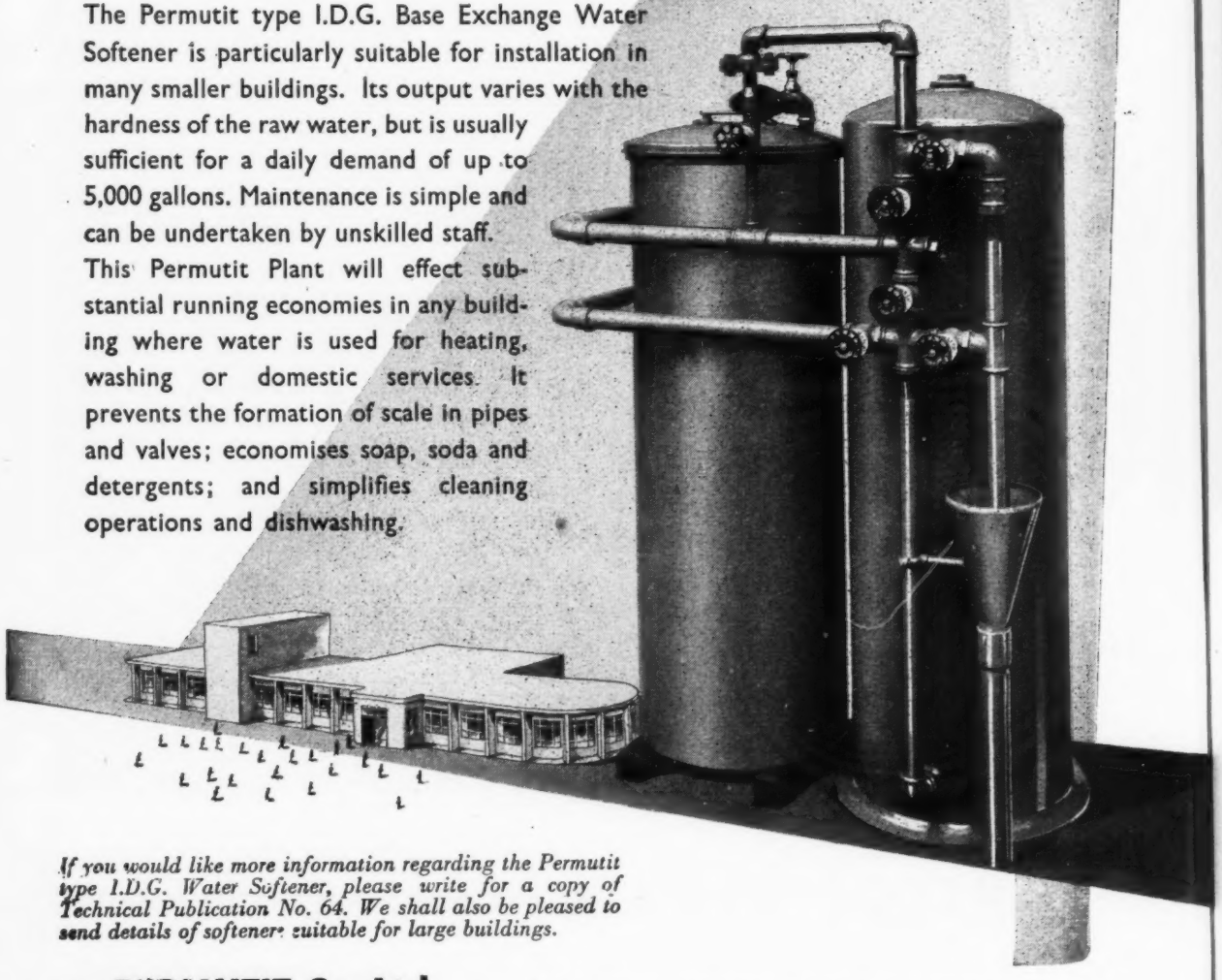
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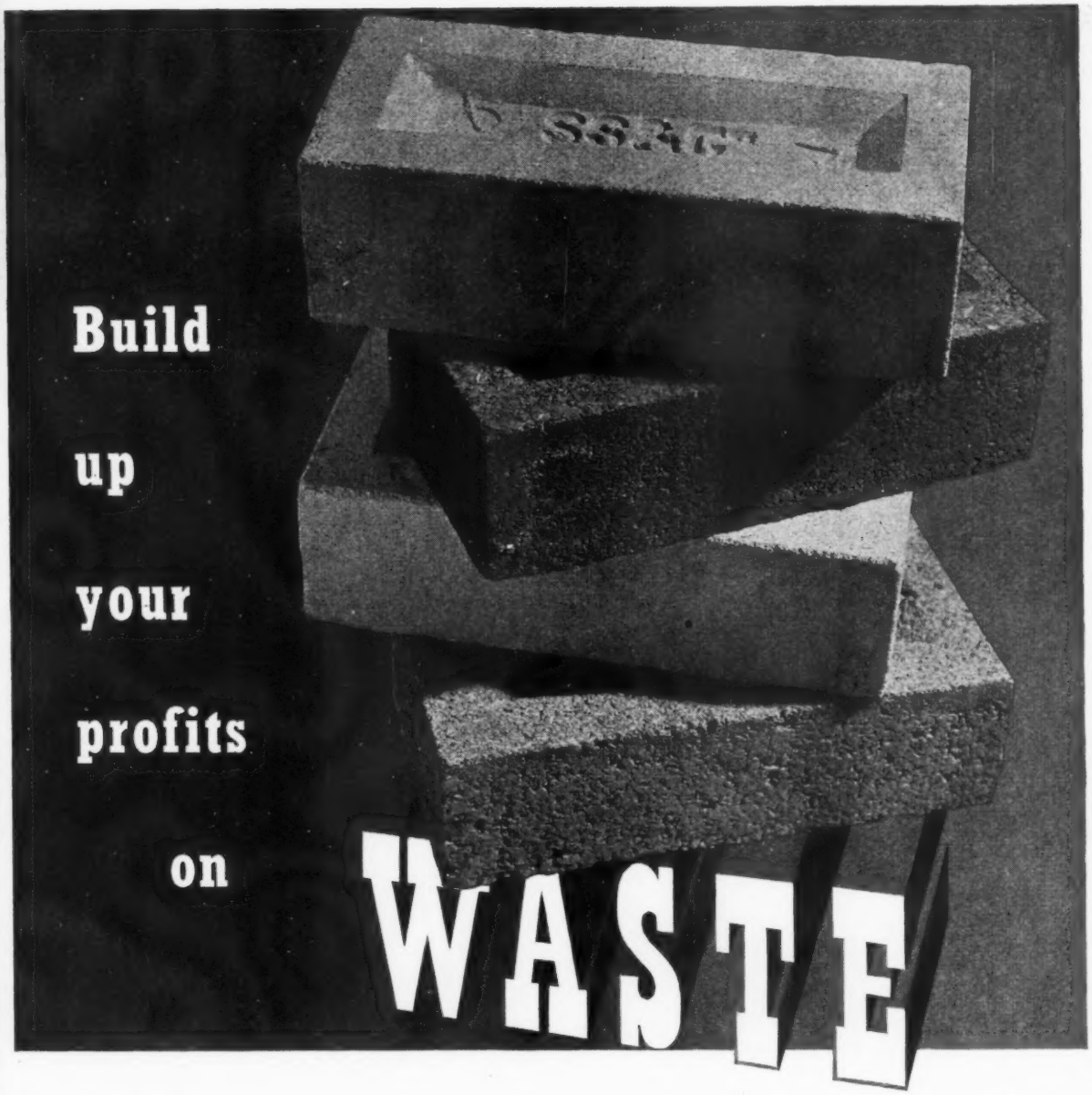
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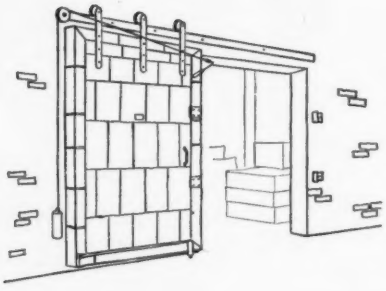
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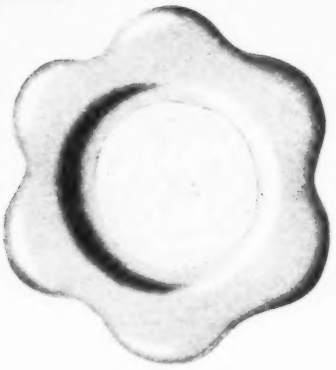
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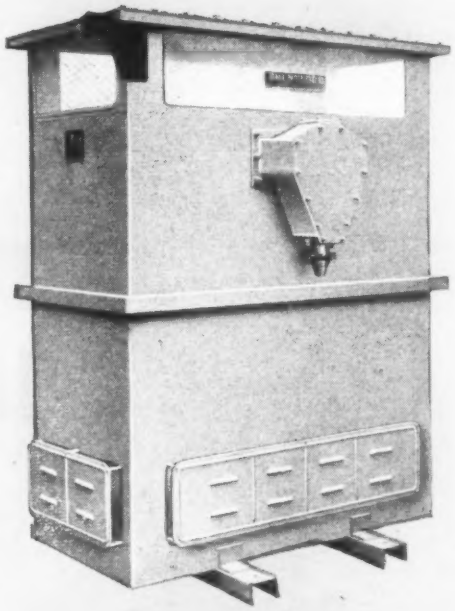
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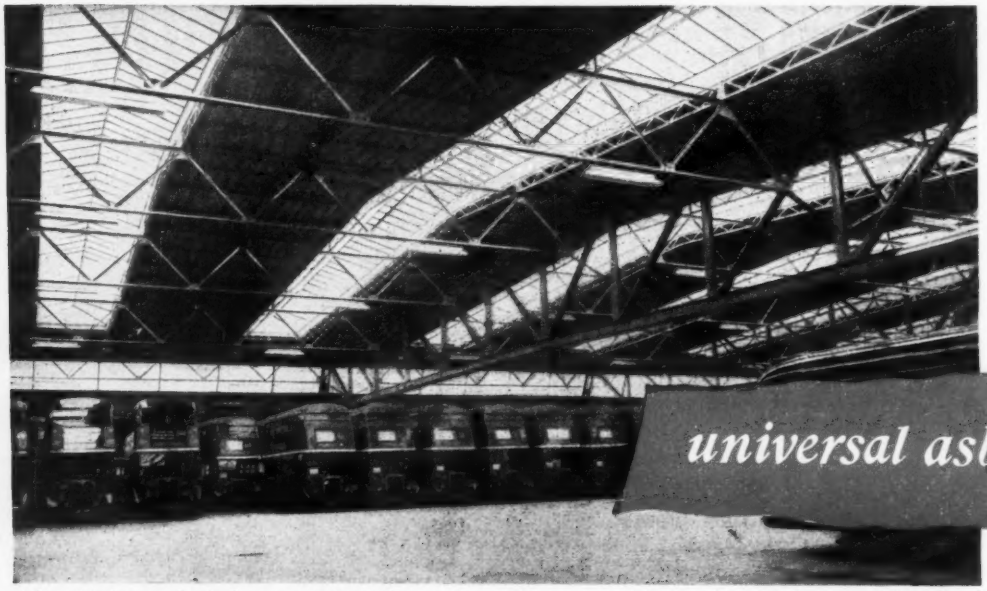
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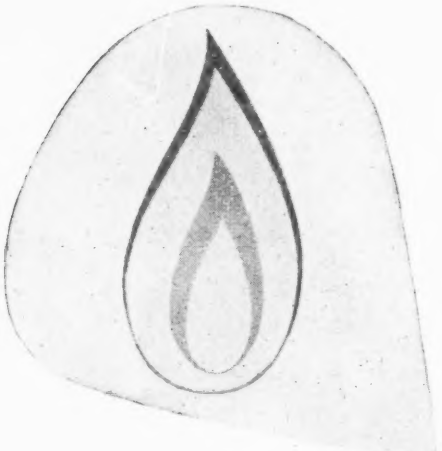
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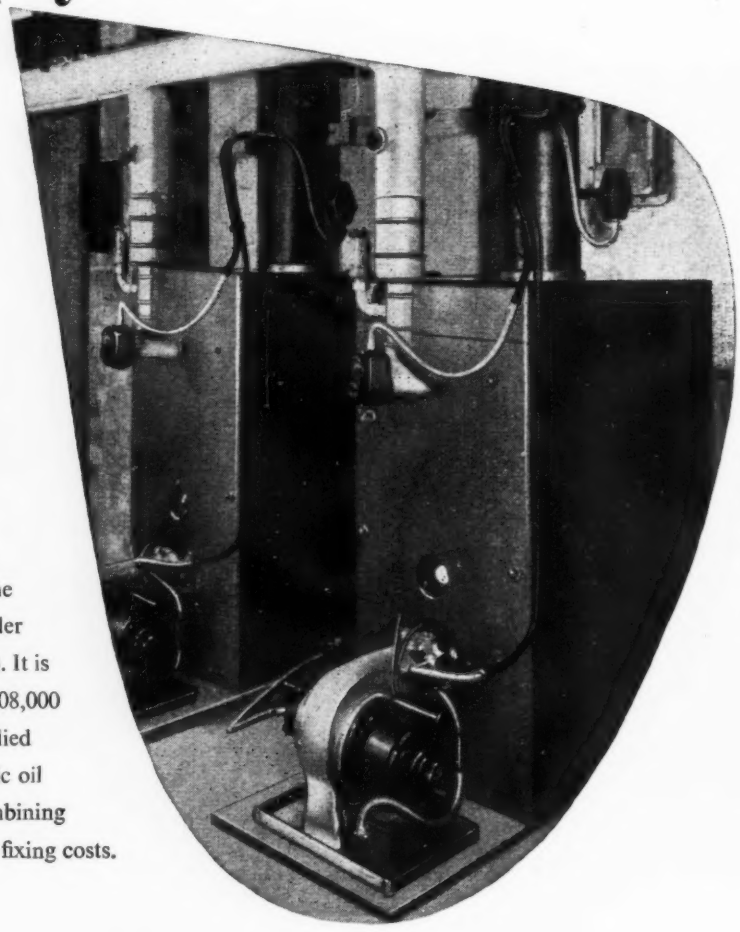
J & E Hall *Limited*

Lift, Escalator and Refrigerating Engineers

DARTFORD KENT



It stands to reason



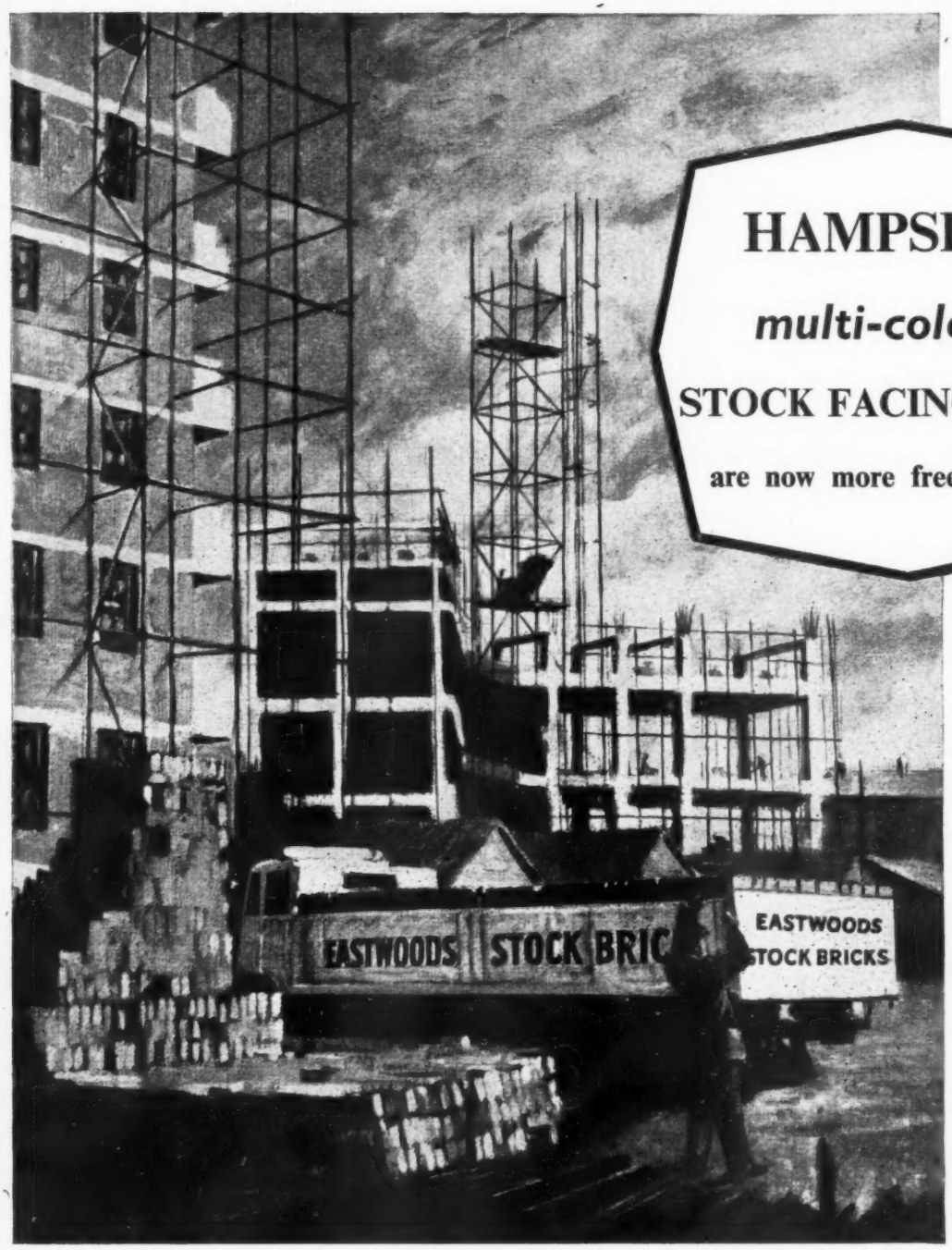
Only a boiler designed from the very first for oil will extract the maximum efficiency from oil. The argument for the Potterton oil-fired Boiler is as simple as that. The Potterton achieves a true working efficiency of 78% of the heat from the oil transferred to the water (the maximum that can be used in any boiler without fear of excessive condensation). It is available in a range of outputs from 108,000 B.T.U. to 288,000 B.T.U. and is supplied as a complete unit with fully automatic oil burners, and fitted controls—thus combining optimum performance with minimum fixing costs.

POTTERTON *Oil-Fired* BOILERS

POTTERTON OIL FIRED BOILERS DE LA RUE

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DLR 471



HAMPSHIRE

multi-coloured

STOCK FACING BRICKS

are now more freely available

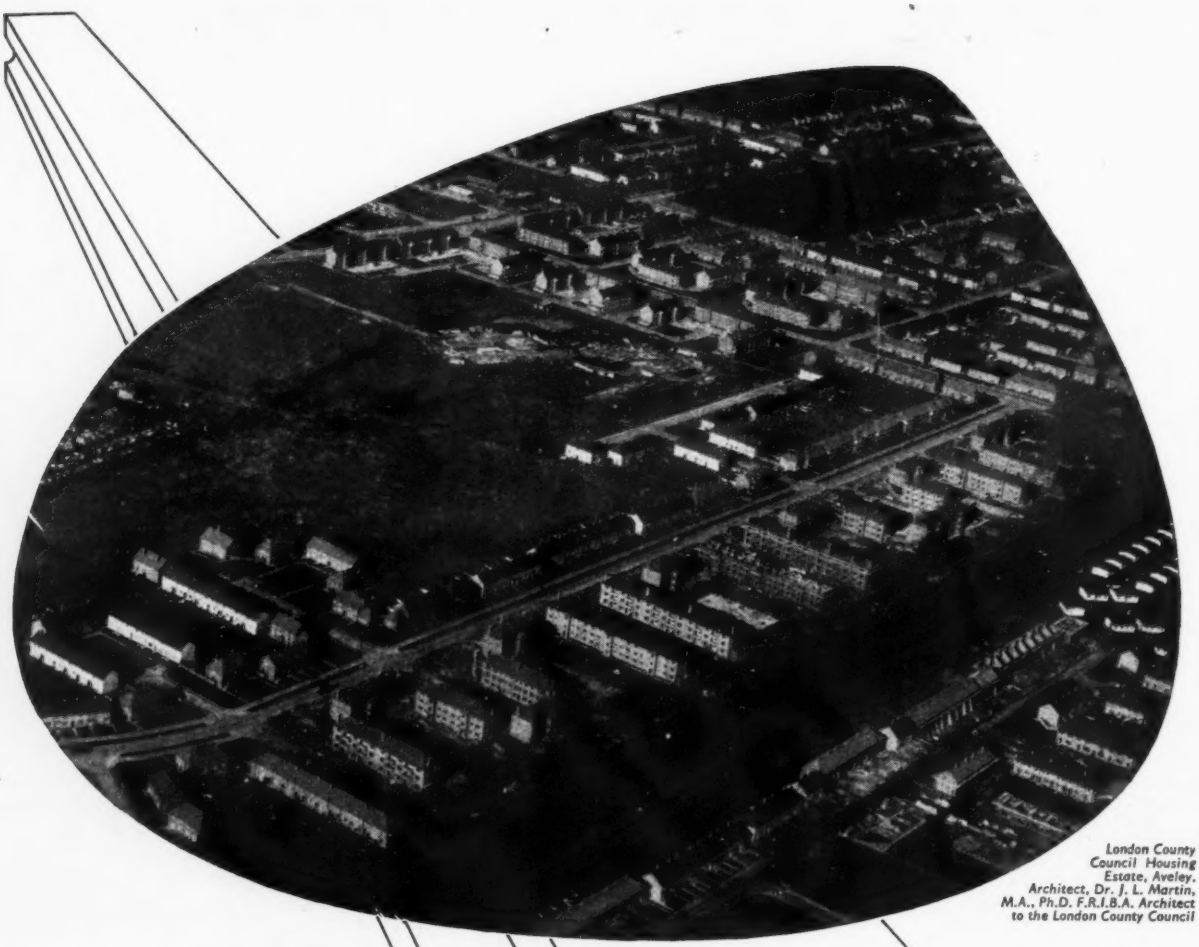
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Here is a machine-made facing brick in keeping with the tradition of the hand-made brick. Made in both medium and dark shades, the Hampshire multi-coloured Stock provides Architects and Builders with a well burned brick in a pleasing range of texture and colour; their appearance and durability have proved them to be of excellent quality.

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London County Council Housing Estate, Aveley. Architect, Dr. J. L. Martin, M.A., Ph.D. F.R.I.B.A. Architect to the London County Council

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Having completed the above contract in which the Pierhead X7 in. Floor and Roof construction was used in 1,032 Flats, we are now carrying out the design, supply and erection of Reinforced concrete and Prestressed Floors and Roofs for the major shopping centre at the same site.

Span and Loading table for Floors and Roofs on request.

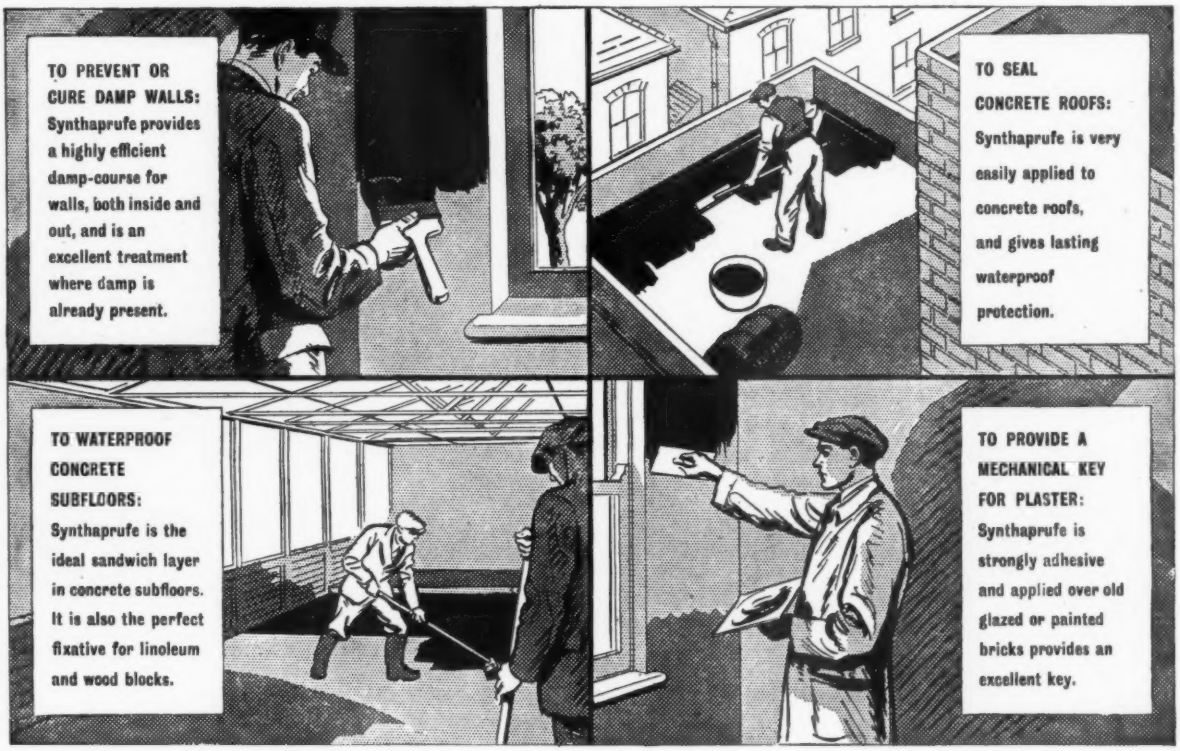
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ELASTIC, ADHESIVE, IT MAKES AN IDEAL JOINTING



SYNTHAPRUFE is a waterproofing compound which can be applied cold by brush; its rubber content makes it strongly adhesive, and it sets quickly and forms a strong, elastic, moisture-proof film.

Most surfaces will take Synthaprufe—concrete, plaster, brick, metal or timber—and it is equally effective on old or new buildings.

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Synthaprufe offers the architect, builder, and engineer a waterproofing and jointing material of unusual efficiency and versatility, ready to use and easily applied.

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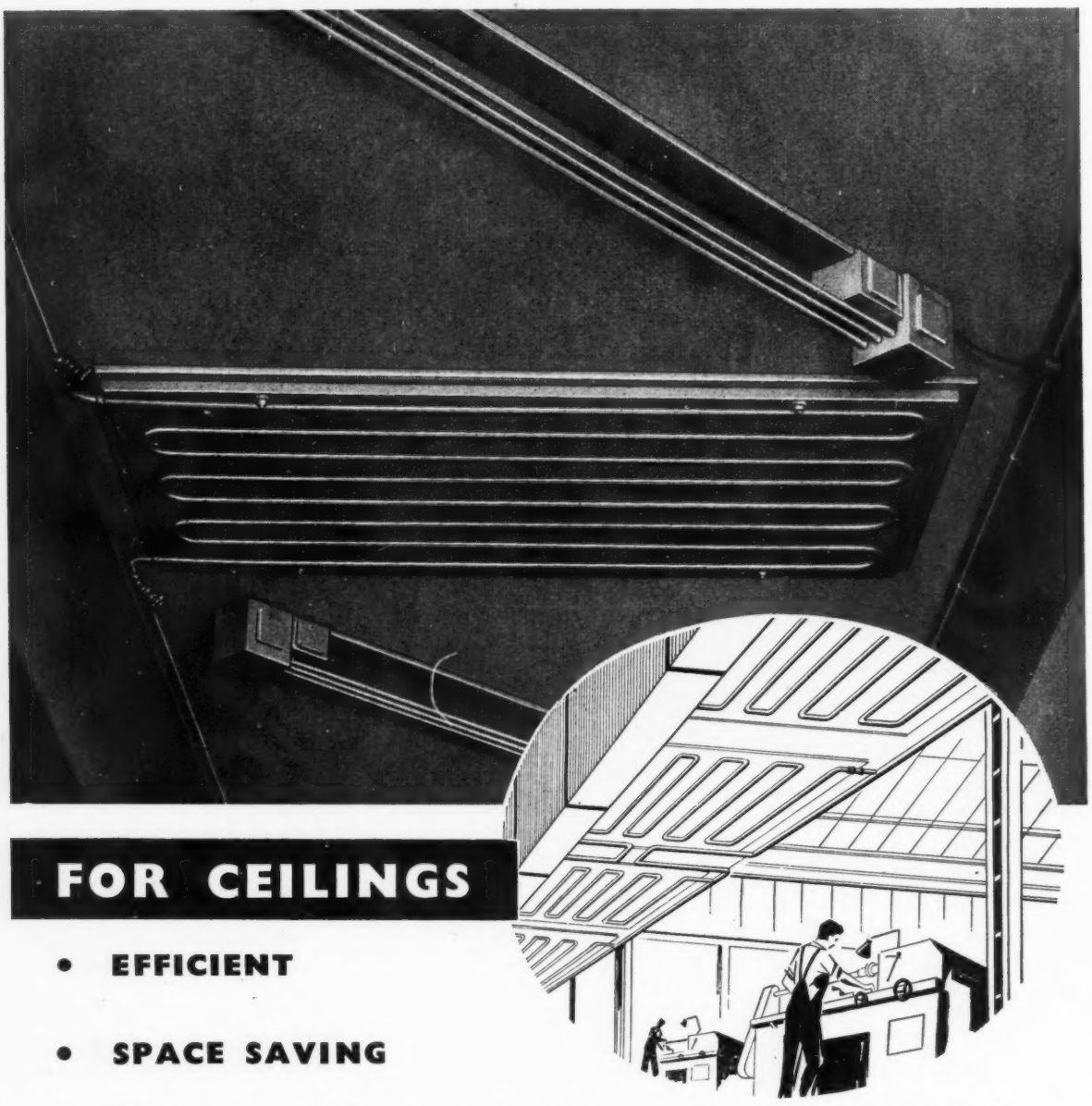
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FOR CEILINGS

- **EFFICIENT**
- **SPACE SAVING**

Here is an unusual but pleasing way of employing Brightrad Radiant Panels. Mounted in the ceiling, they may be arranged to harmonise with fluorescent lighting fitments as shown above

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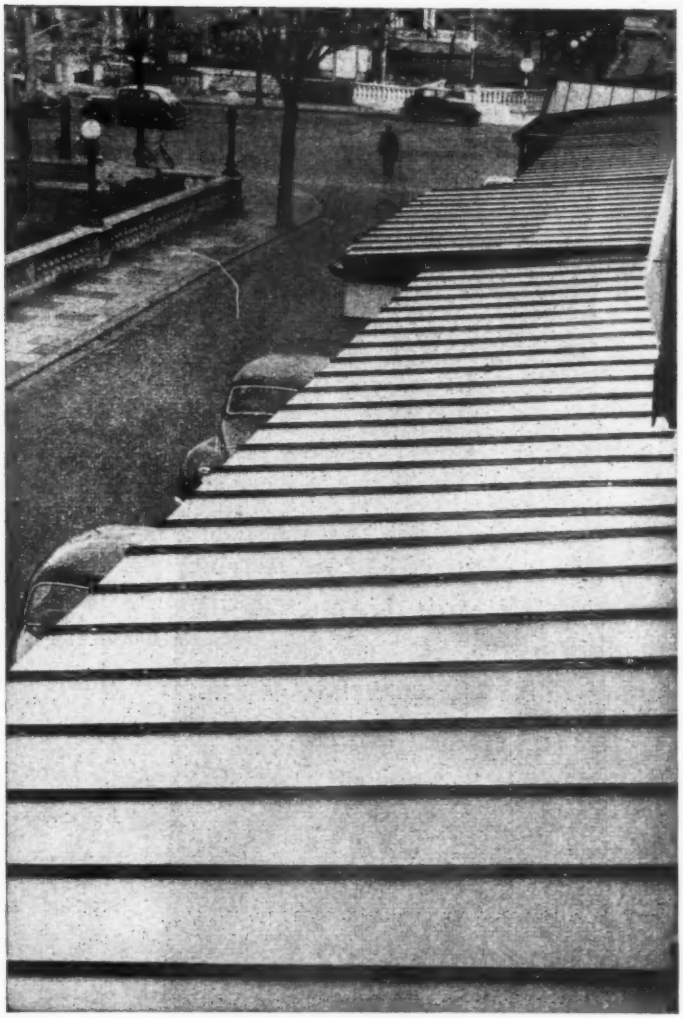
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This non-hardening Putty remains pliable throughout its life and provides a durable seal which accommodates the extremes of structural and thermal movements caused by climatic conditions on very exposed structures. It is recommended for fixing "INSULIGHT" double glazing units. Seaflex is of a soft consistency and is applied in the same way as normal putty. Seaflex remains adherent to glass, wood and metal without cracking, crumbling, shrinking or flowing, and has a considerably longer life than ordinary putty on the frame. Frames may be easily removed for maintenance since Seaflex remains pliable.



The Palace Cinema, Southport glazed by DUXBURY, HARTLEY & Co. LTD., Salford. SEAFLEX Supplied by CHARLES LIGHTFOOT Ltd. Manchester.

For glazing Wood or Metal Rooflights & Greenhouses ... and for Bead glazing

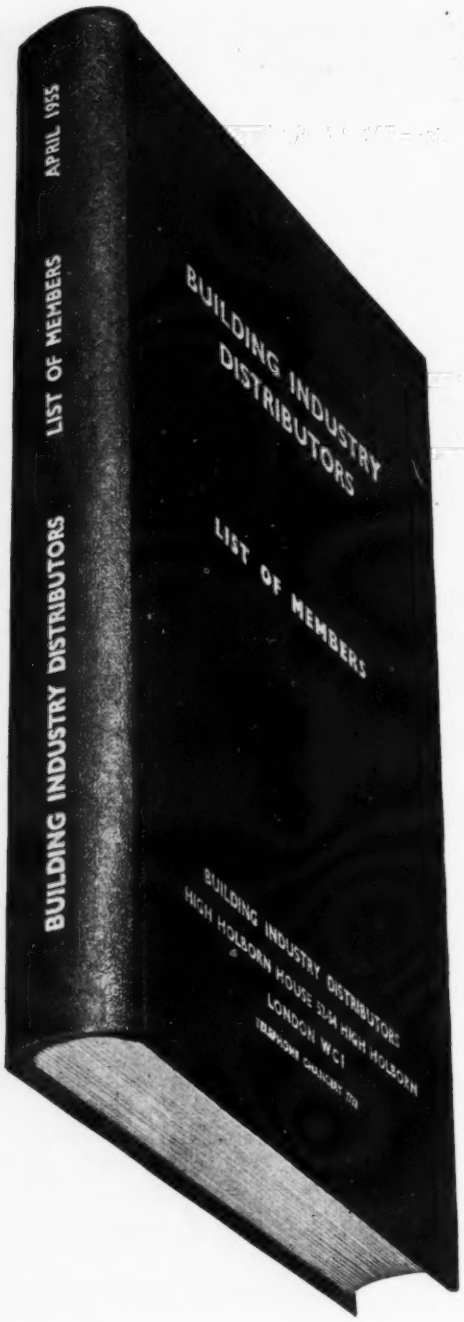


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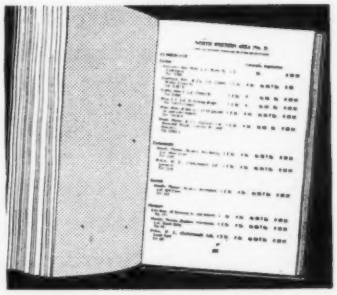
The largest exclusive manufacturers of Putty & Compositions in Gt. Britain

"INSULIGHT" is the registered trade mark of Pilkington Bros. Ltd.



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Listing as it does all members' head offices and branches, together with their telephone numbers and types of commodities stocked by each, this is an invaluable book of reference for all those concerned with the purchase of building materials.



Each purchaser will regularly receive amendment sheets, ensuring that the information is always kept up to date.

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6 fresh views on flooring

expressed by

LAURENCE SCARFE (*in this issue*)
F.H.K. HENRION
OLIVER COX
FELLO ATKINSON
HUMPHREY SPENDER
PRUNELLA CLOUGH

and edited by

Sir Hugh Casson R.D.I., M.A., F.R.I.B.A.

In seeking a theme for a series of features on flooring as an integral element of interior design, the manufacturers of Semastic Tiles commissioned Sir Hugh Casson to make his recommendations.

He proposed that a number of leading designers be given the opportunity to express their views on this matter by designing floors for a number of imaginary projects which he himself would suggest by way of initial plans and briefings. He has, therefore, in association with these designers, prepared plans for:

an Airport Waiting Lounge
a Youth Hostel Dayroom · a Works Canteen
a Restaurant · a Clinic
a School Entrance Hall

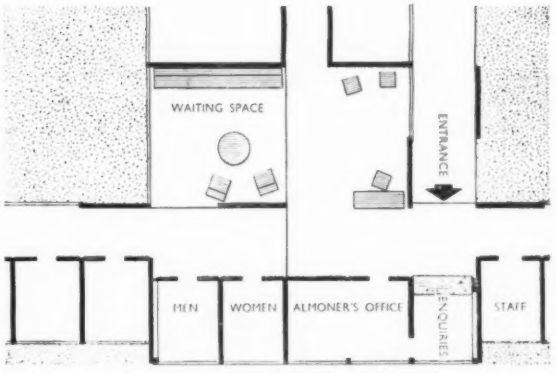
Each of the six designers selected has been invited to choose one of these projects and to consider it from the aspect of floor design in order to demonstrate the scope of Semastic Decorative and Vinyl Asbestos Tiles. The materials which may be used are as follows:

Semastic Tiles: Decorative and Vinylex grades. These are thermo-plastic, resin-bonded tiles which are available in a very attractive colour range, in plain and marbled finishes. By cutting to shape and by contrasting and blending colours, design possibilities are virtually unlimited.

Vinyl Asbestos grade. One of the latest developments in floor surfacing, Vinyl Asbestos Tiles are designed to combine the greatest visual appeal with years of faultless service. In devising the balanced range of nineteen colours there has been close collaboration with the British Colour Council.

THE PROBLEM AS SET TO LAURENCE SCARFE

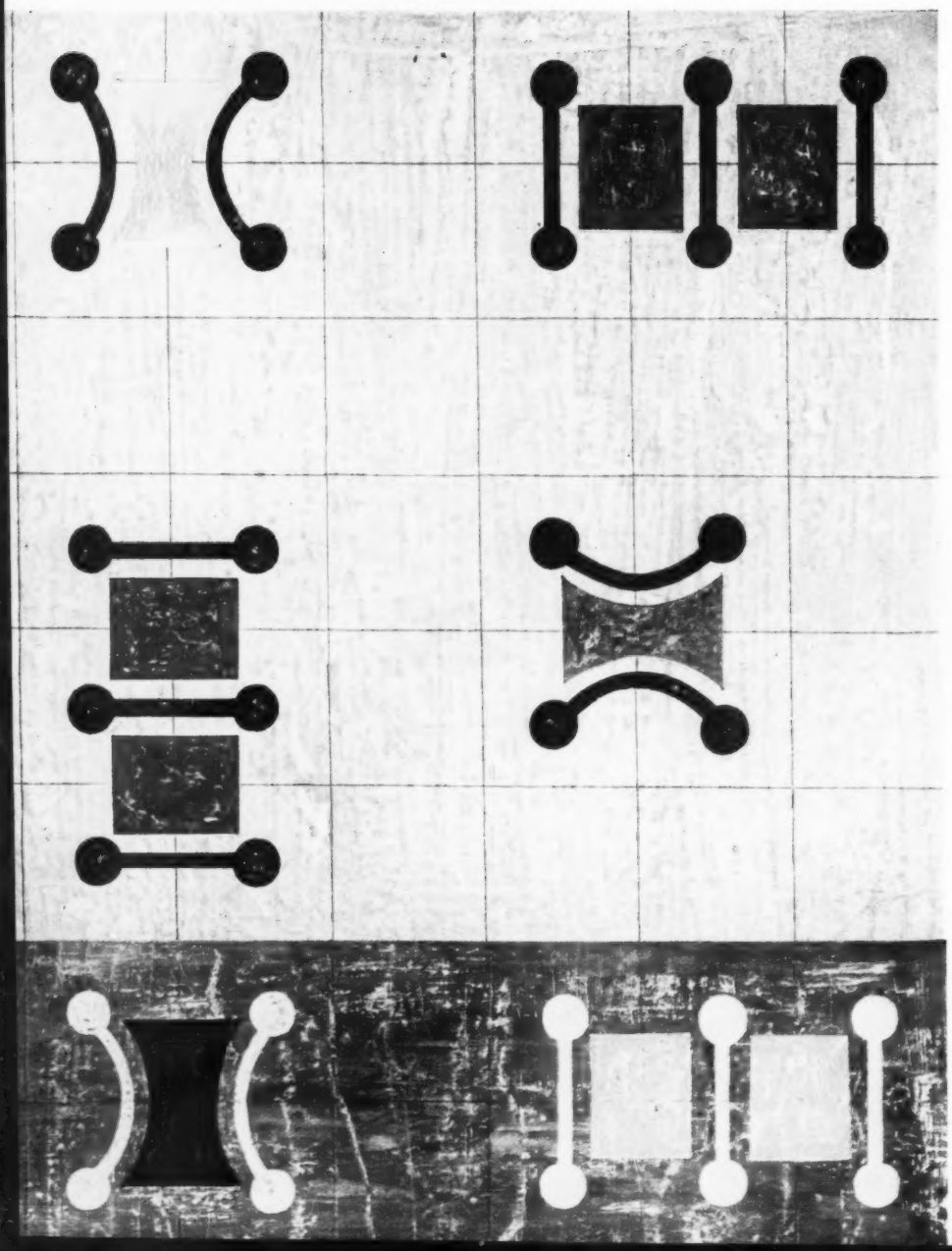
As will be seen from the plan alongside, the reception room and waiting area of this suburban clinic presents a large and irregularly shaped floor space. Architecturally, the essential needs for this floor are simple—namely a design that permits easy and orderly circulation, whilst suggesting an atmosphere of serenity, cleanliness and cheerfulness. To some extent these needs have been met by the generous use of glass overlooking the garden, the simple direct arrangement of doors, and the mixing of formal and informal furniture and furnishings. The success of this interior will depend largely upon the subtlety of the decorative treatment applied to the floor.



5 OF SERIES

Laurence Scarfe

SUBURBAN CLINIC



Probably all patients attending a hospital or clinic do so with some feeling of apprehension. All the more reason, therefore, why the treatment of such places, particularly in the reception area, should be both cheerful and reassuring. We have all attended those melancholy gatherings in silent waiting rooms where the visitor looks dumbly through tired magazines spread, like some stale meal, on a central table; we have all spent discouraging hours shuffling, a place at a time, from one hardwood chair to the next on the slow approach to the surgery door.

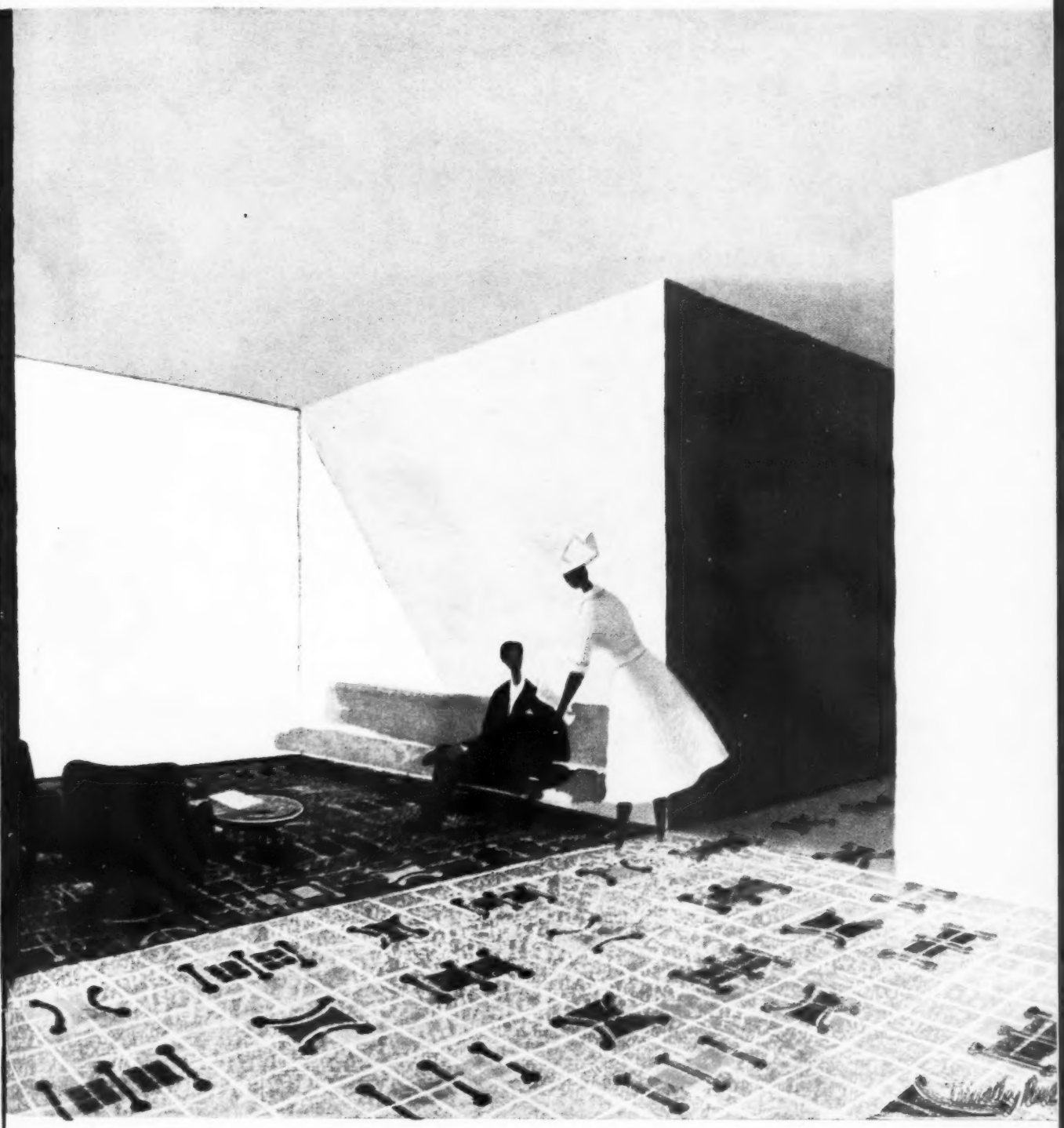
Medical attention is based upon faith in a cure. This process should start as soon as the patient enters the building; his surroundings should be such as will instil reassurance and optimism within him. It is here that the designer can be of greatest help to the architect.

The reception area of a medical clinic is, by its nature, a place of constant movement, yet it is an area in which the patient perforce lingers long enough to be affected by more than first impressions. The feeling of welcome should be obtained by a careful use of form, texture and colour that is interesting without being over-stimulating. I have suggested, therefore, a cool and restful colour scheme dominated by white, blue and pale grey, but accented by the cheerful ceiling colour and pattern of the floor.

The Design

The Semastic floor tiles used in the plan are based on a nine-inch square grid and are inlaid with simple decorative motifs that are capable of many permutations. Different coloured backgrounds to these motifs offset each other throughout the floor area. Sections of the design cut from various colours are interchangeable to avoid wastage and the larger areas are in positive colours. The overall texture is a pleasing marbled texture with a soft matt finish.

Impression of the clinic reception area, designed by Arthur Braven, A.R.I.B.A., M.S.I.A.



Sir Hugh Casson sums up

This problem, like the others in the series, is not an easy one for it demands the achievement of two effects—serenity and cheerfulness which are to some extent in conflict. Laurence Scarfe's solution is a happy one, for he has chosen a simple, clean background colour scheme against which the strong, warm and repetitive tile patterns stand out as boldly as playing cards.

Reprints of this series can be obtained from :
J. A. Hewetson & Co. Ltd
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HOW ASCOT JIGGED FITTING SAVES MONEY

106,000 Ascot Jigged Walled Fittings have now been put into new homes by 183 housing authorities.
How this fitting saves money is revealed by the following figures based on actual costings.

EXAMPLE ONE

Cost of fitting an Ascot 503 sink water heater sold for cash:

Using a Jigged Wall Fitting which had been installed when the property was built ... £1.7.0 — £1.10.0

Normal installation without a Jigged Wall Fitting £4.0.0 — £5.0.0

CASH SAVING say **£3.0.0**

EXAMPLE TWO

The effect of a Jigged Wall Fitting on the hire purchase terms for an Ascot 503/0 sink water heater:

Charge per week when the heater is connected to a Jigged Wall Fitting already installed 1/- -1/10 per week

Charge per week including cost of normal installation without Jigged Fitting 2/- — 2/5 per week

WEEKLY SAVING say **9d**

✳ *Note: These figures may vary from one district to another, but are reliable averages.*

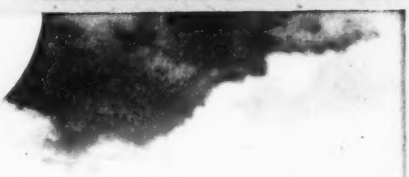
The advantages of the Jigged Wall Fitting to the consumer and to the Gas Undertakings are real. The Fitting is supplied by Ascot to Gas Undertakings at cost.
Vigorous efforts are indicated to get it installed in all new houses and flats; the cost of putting it in is trifling.

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HAMPDEN PARK . GLASGOW

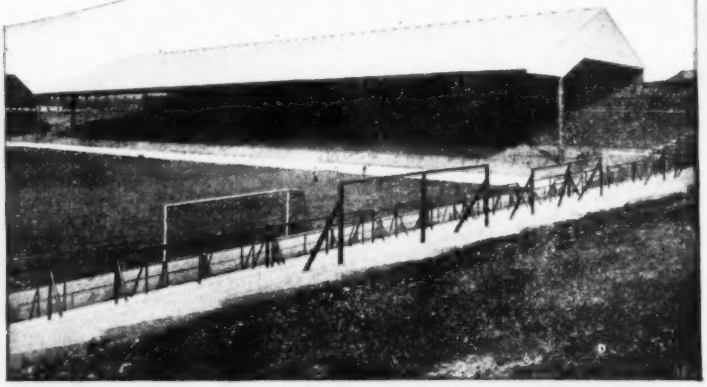
The illustration shows the main grandstand at Hampden Park, Glasgow—the internationally famed home of Queen's Park F.C. Ltd. The roof of the grandstand is covered with "EVERITE" Asbestos Cement "BIGSIX" Corrugated Sheets.



TURF MOOR . BURNLEY

A new stand recently erected at Turf Moor, Burnley for the Burnley F.C. Ltd., and covered with "EVERITE" Asbestos Cement "BIGSIX" Corrugated Sheets.

Architect : James Parker, Esq., L.R.I.B.A., Burnley



"EVERITE" Asbestos-Cement "BIGSIX" CORRUGATED SHEETS

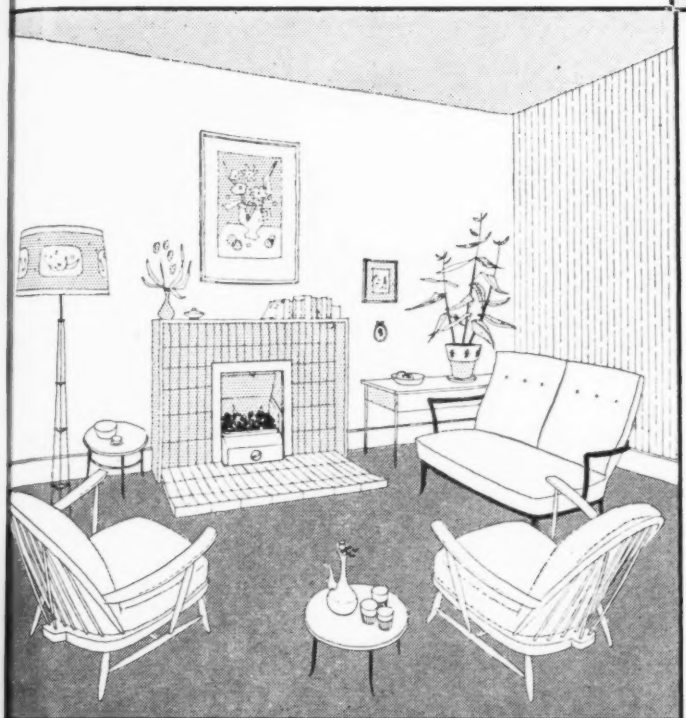
The above illustrations are only two of many Football Club Stands in Great Britain which have been roofed with "EVERITE" Asbestos Cement "BIGSIX" Corrugated Sheets

TURNERS ASBESTOS CEMENT CO LTD

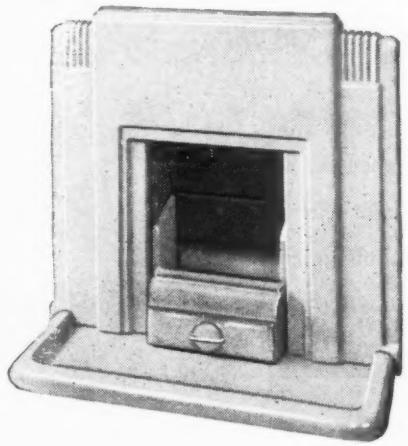
A MEMBER OF THE TURNER & NEWALL ORGANISATION

TRAFFORD PARK MANCHESTER 17

8.10



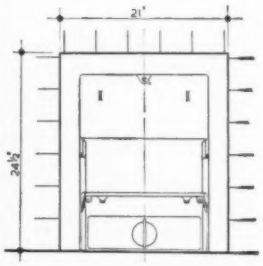
Specify The No. 2 ERA Fire
-continuous-burning open fire with boiler-for low cost housing



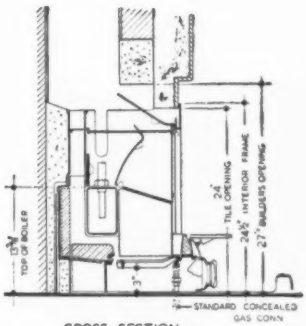
UP TO £2 SAVING ON INSTALLATION

Tests carried out by a housing authority have shown that the Era Fire costs about £2 less to install than the average fire of this type. Yet it gives full heating up to 1,500 cu. ft. and domestic hot water *or* it can be used to heat two or three radiators.

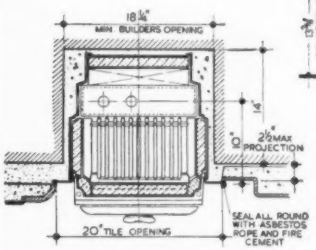
In the horizontal position, the overnight-burning extension serves as a useful trivet during the day.



FRONT ELEVATION WITH TILE SURROUND



CROSS SECTION.



HALF PLAN SHOWING TILES IN FRONT OF INTERIOR FRAME

HALF PLAN SHOWING TILES BEHIND INTERIOR FRAME

INSTALLATION AND SURROUNDS

A vitreous enamel interior frame which is an integral part of the unit, enables the appliance to be installed in conjunction with inexpensive tile surrounds.

The No. 2 Era can also be supplied with a variety of cast-iron, vitreous-enamelled fireplaces. Durability and low costs—both for installation and maintenance—make these particularly suitable for low-cost housing projects.

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Full heating up to 1,500 cu. ft.

HOT WATER SYSTEM

The recommended size of cylinder is 30 gallons (direct or indirect).

For further details about the No. 2 Era Fire and cast-iron vitreous-enamelled fireplaces, write to the Housing Division of :—

ALLIED IRONFOUNDERS LTD

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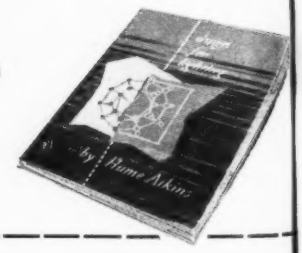
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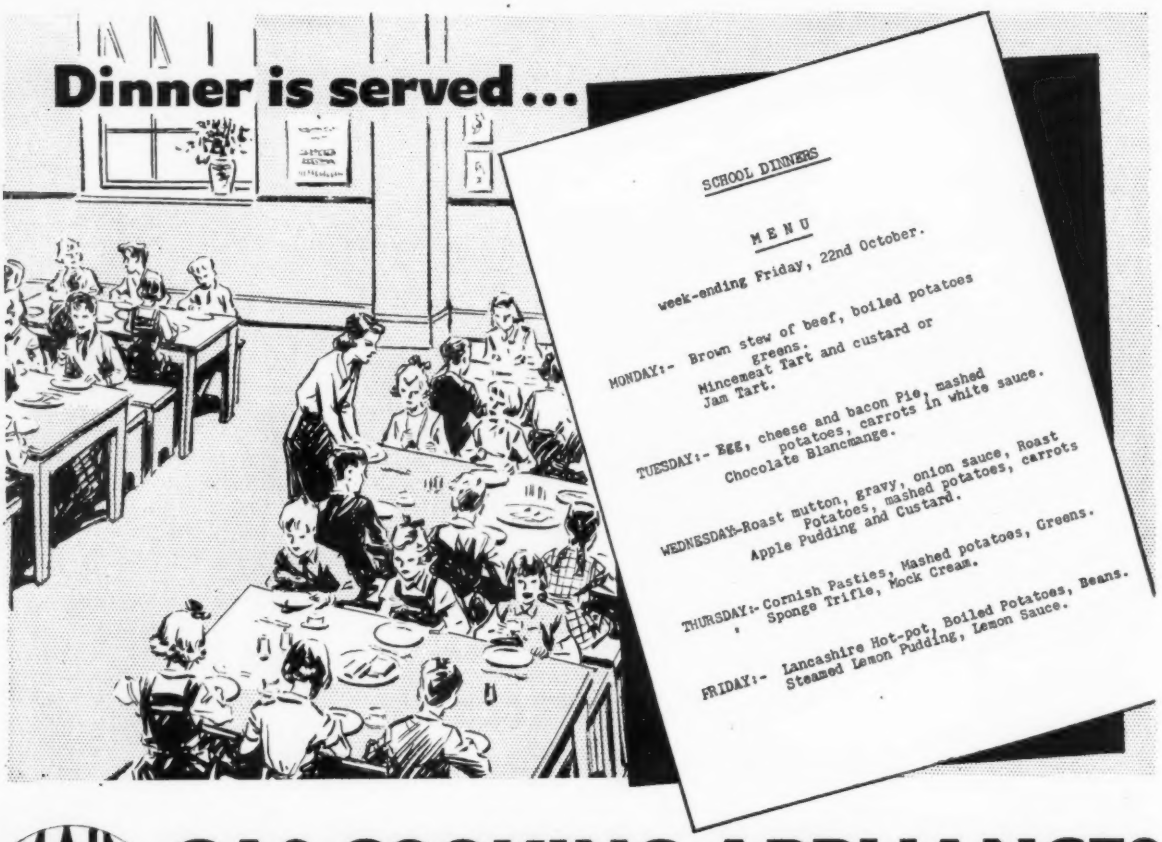


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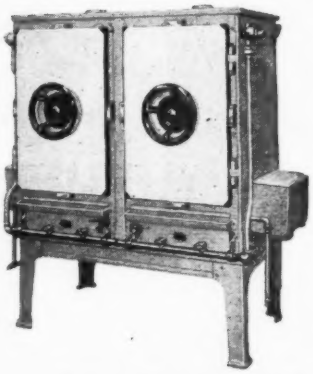
MAIN GAS COOKING APPLIANCES

are used in schools throughout the country

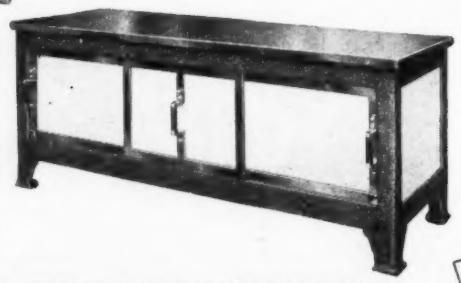
The extensive range of Main large-scale cooking appliances cover the specific requirements of every type of catering establishment. Highly efficient in use and economical on gas consumption, Main appliances are strongly constructed to withstand continuous heavy usage . . . When it's a question of kitchen equipment, consult R. & A. Main Ltd.



DYW 2 62 Range
Two ovens, each with automatic heat control. Hotplate has 10 boiling burners or can be fitted with a combination of boiling and grill burners.



Gas Heated Steaming Oven
Available as Single or Double Compartment Batteries, each Oven heated by independently controlled aerated gas burners. No. 1824 Series has 7½ cu. ft. compartment fitted with 6 trays. No. 182424 Series has 6 cu. ft. compartment with 5 trays.



GHC/L Hot Closet
In lengths from 3' to 10' fitted with two shelves and sliding doors (one or both sides). The top either plain or incorporating Bain Marie with or without food containers.

Note the name - made by MAIN

R. & A. MAIN LTD., Gothic Works, Edmonton, N.18, Gothic Works, Falkirk

H 24

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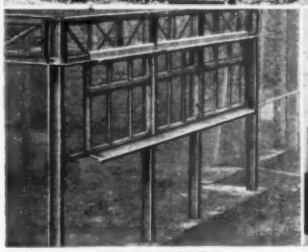
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The Thermagard System was originally designed for the construction of primary schools and has now been extended to the construction of multi-storey secondary and grammar schools. This modular form of construction permits considerable flexibility in planning and has resulted in a high degree of simplification and standardisation in the structural components of the building. It halves the time of the Architect and Quantity Surveyor and ensures manufacture and delivery of components to suit requirements at the site.



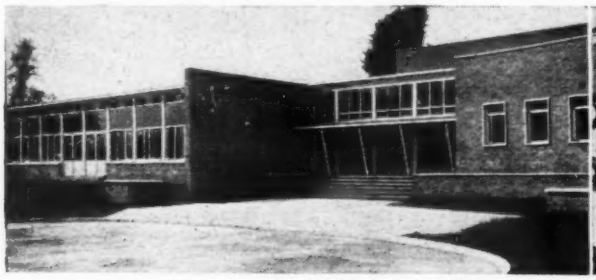
FRAMEWORK



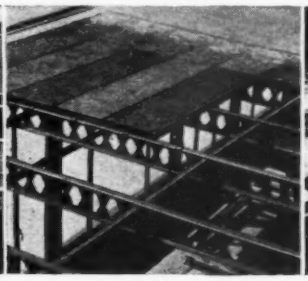
PRESSINGS



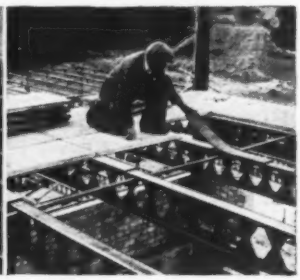
WINDOWS



A main entrance and classroom block

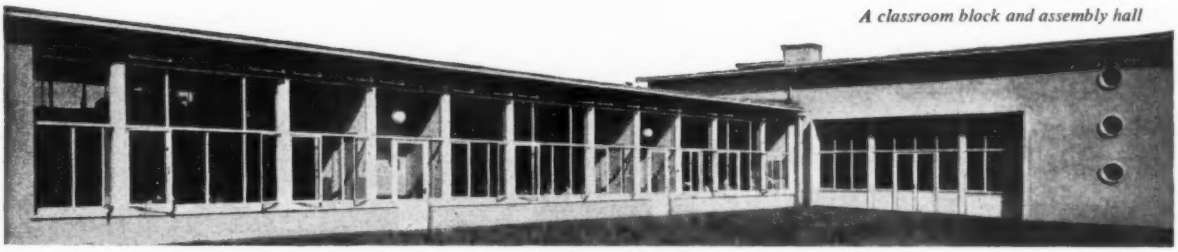


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M-W.61



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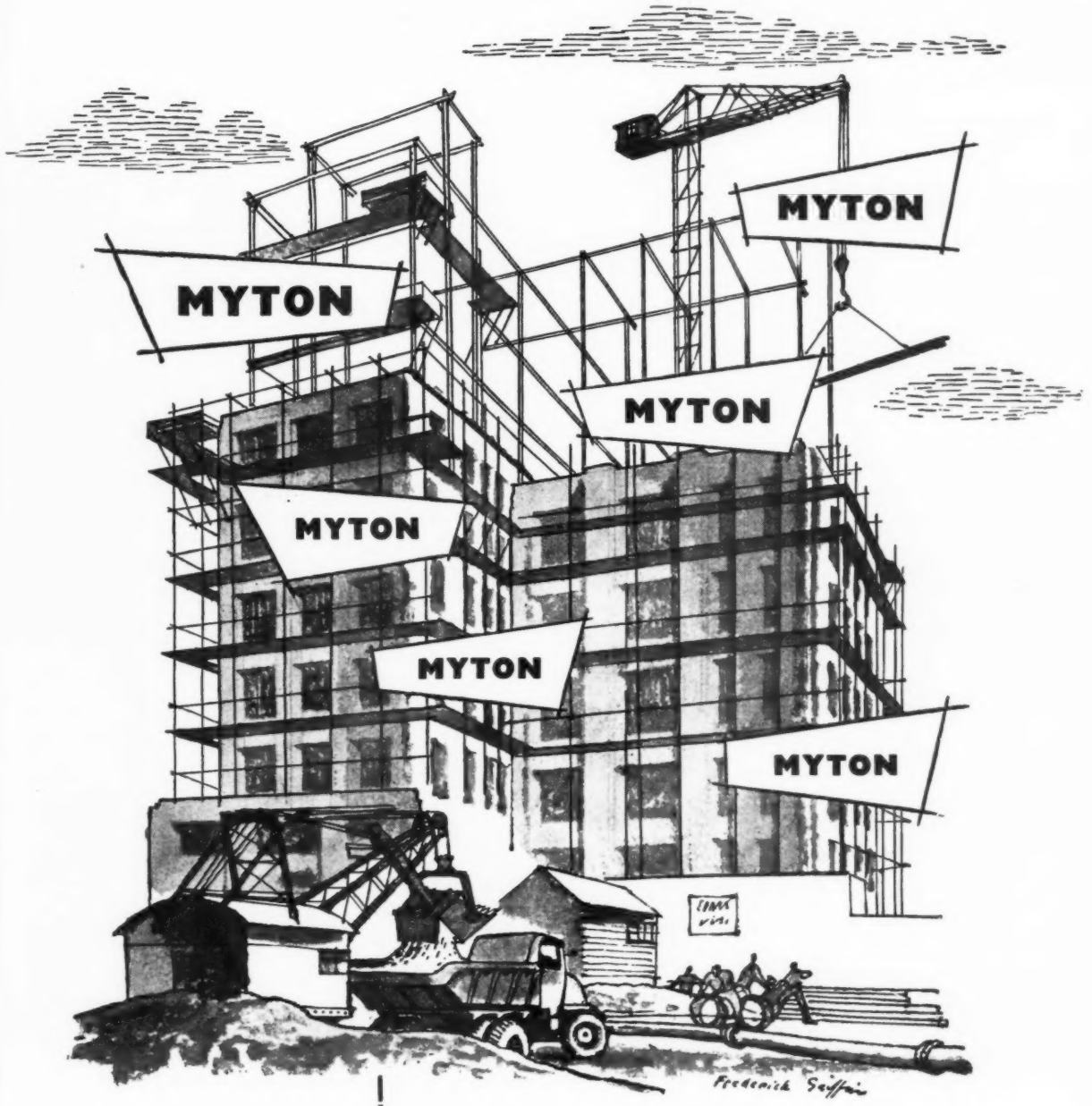
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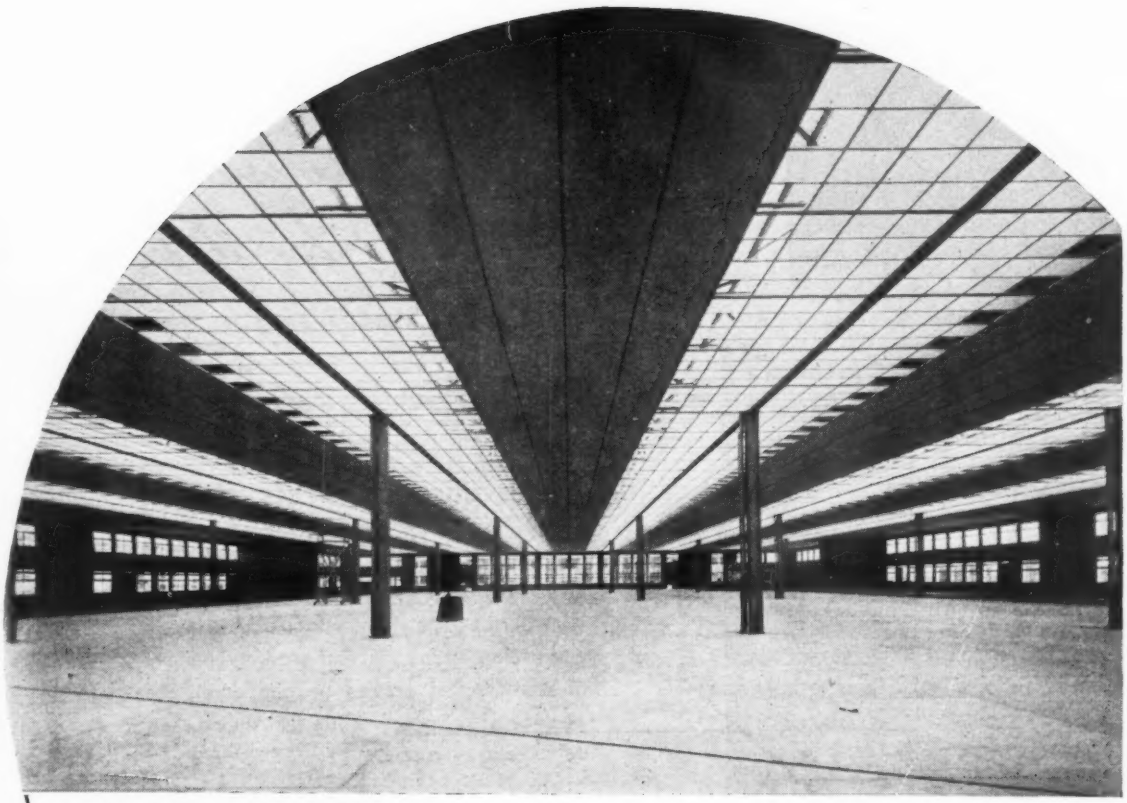
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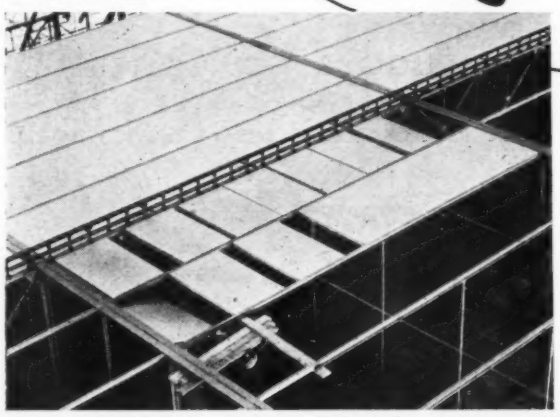
Melsbrouck (Brussels Airport)—detail

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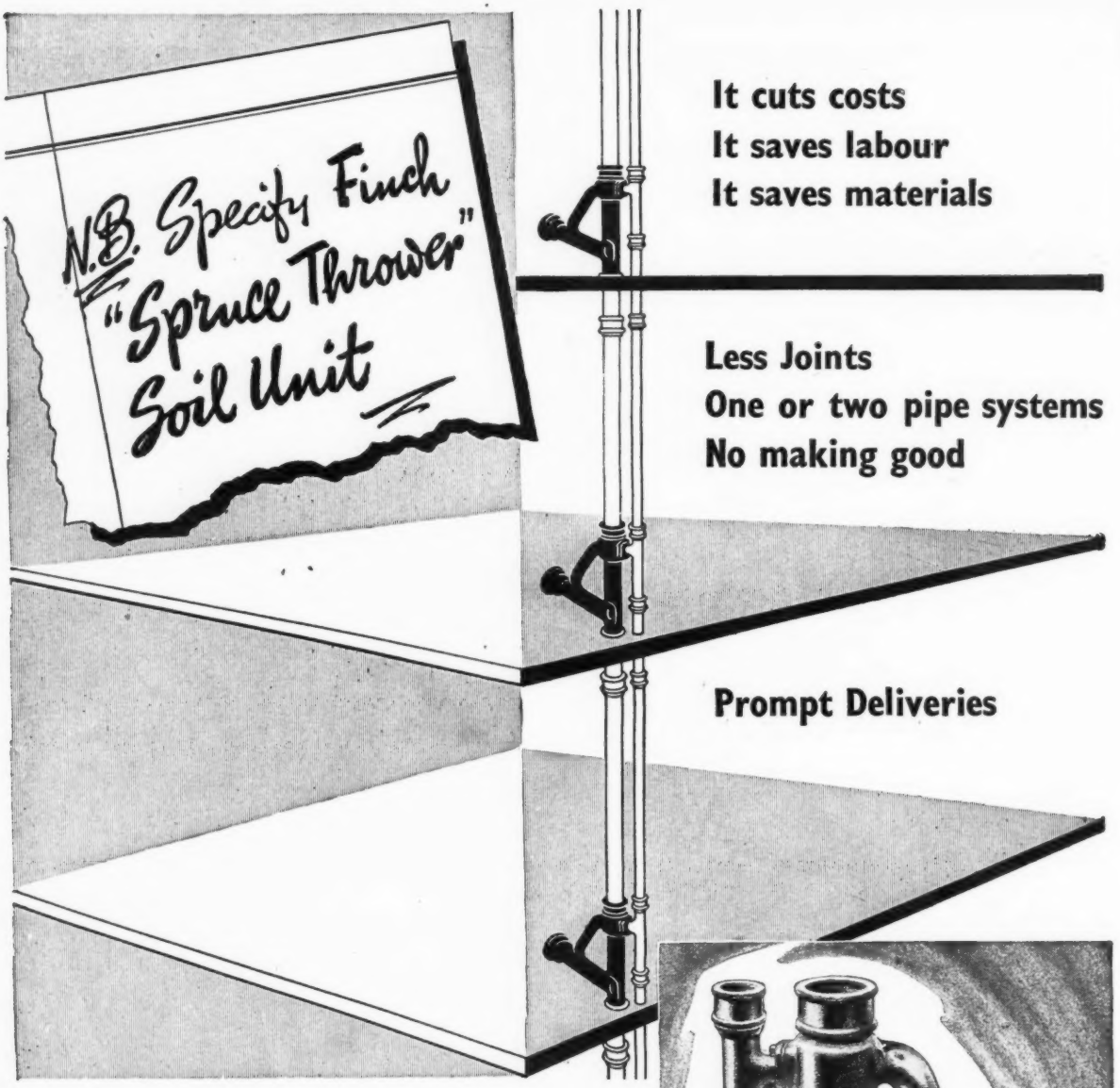
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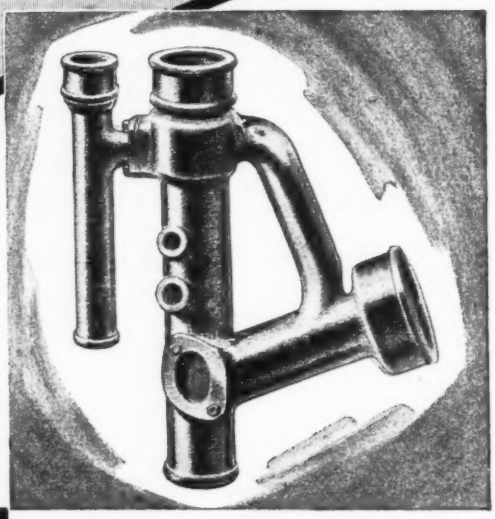
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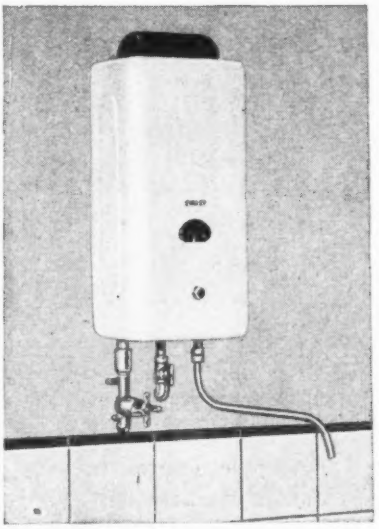
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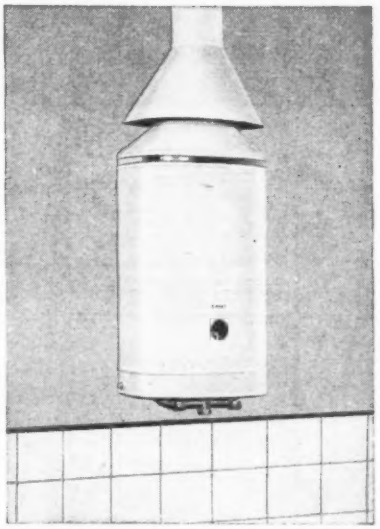
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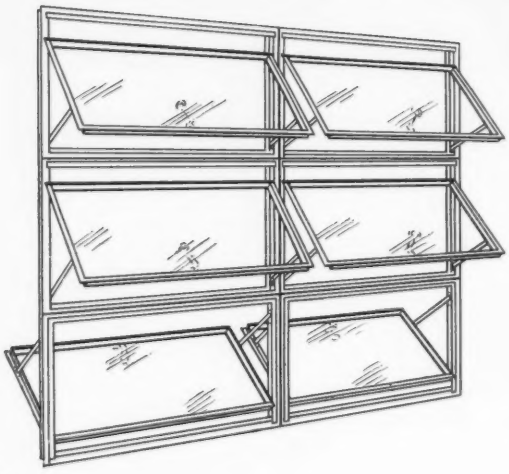
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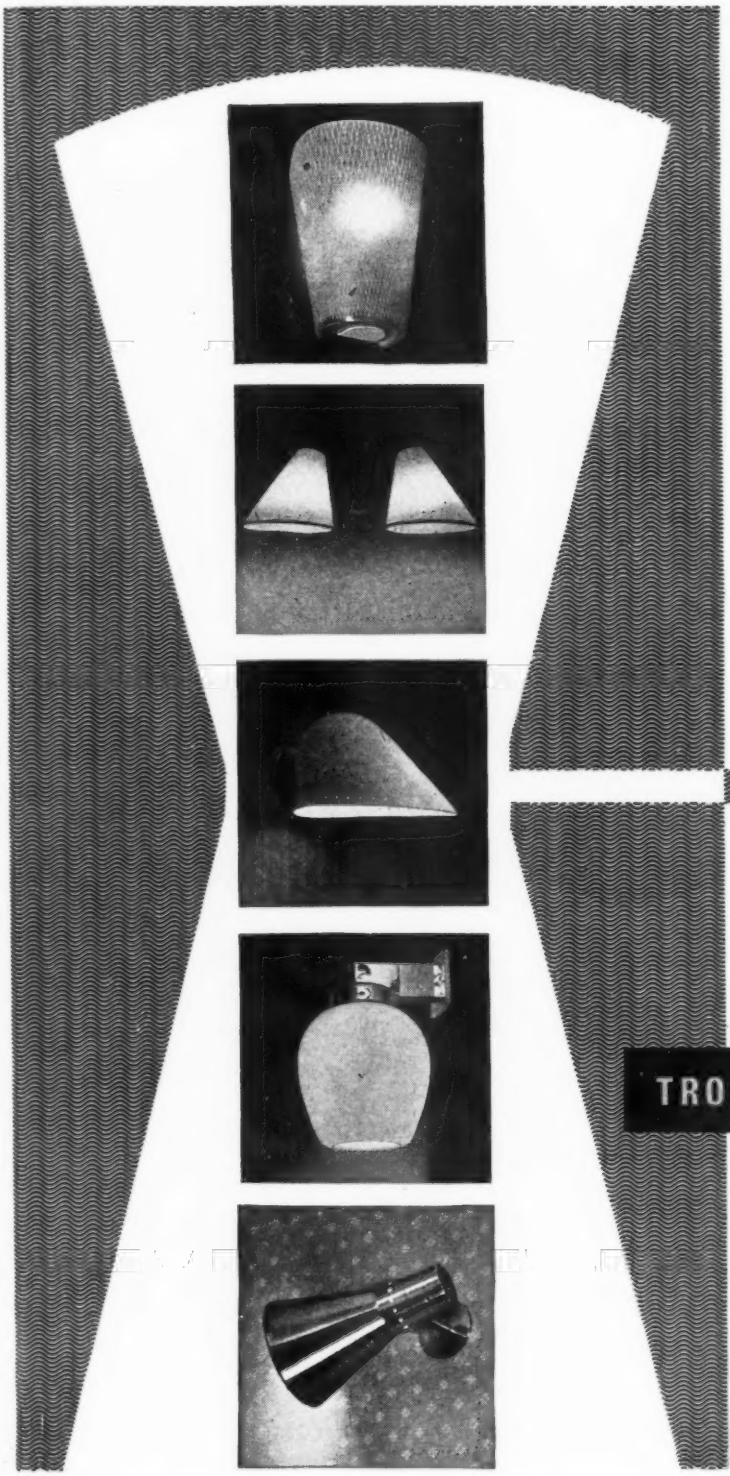


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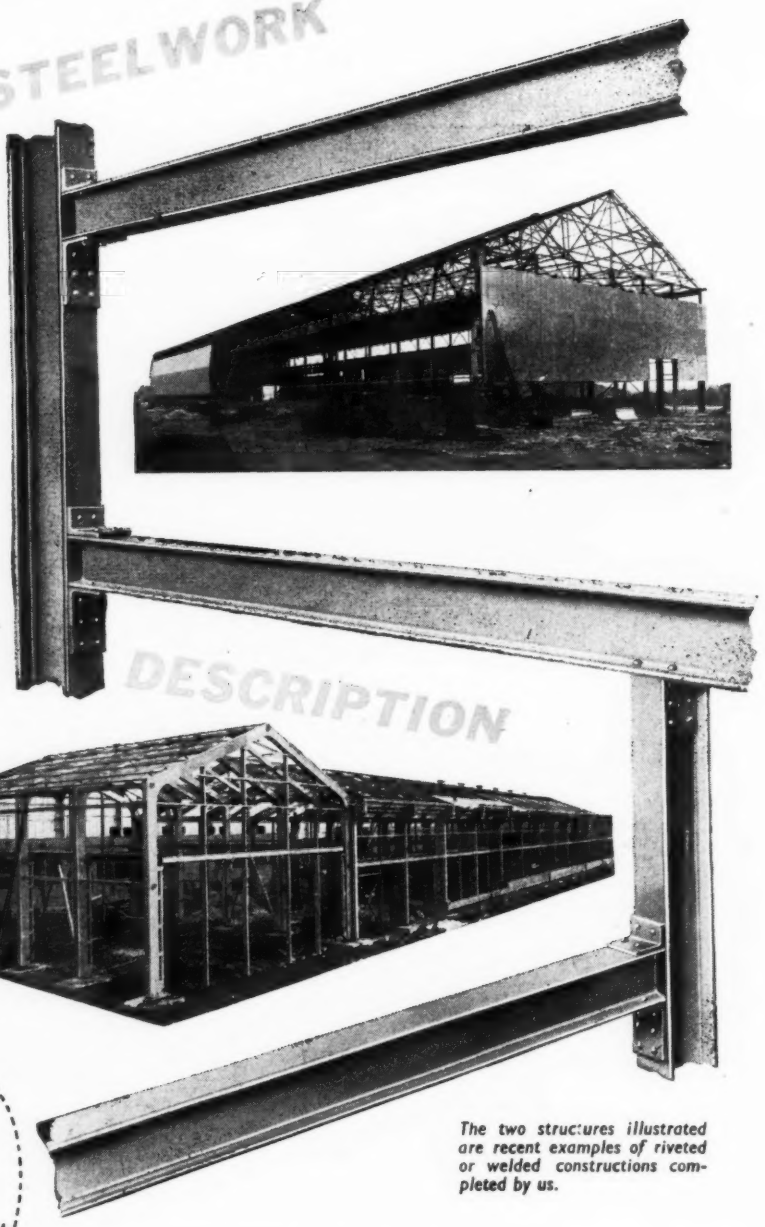
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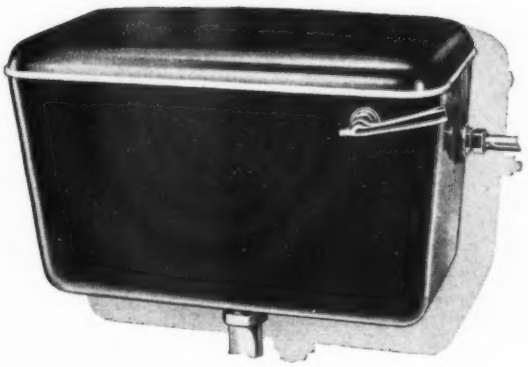
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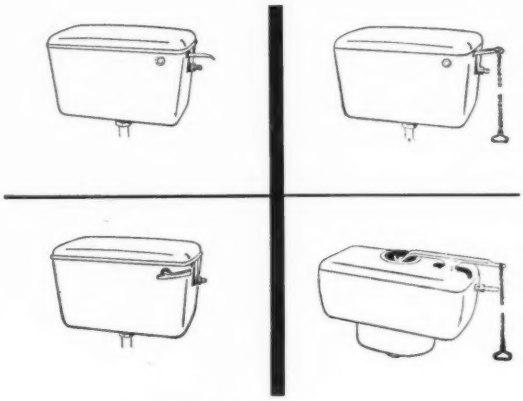
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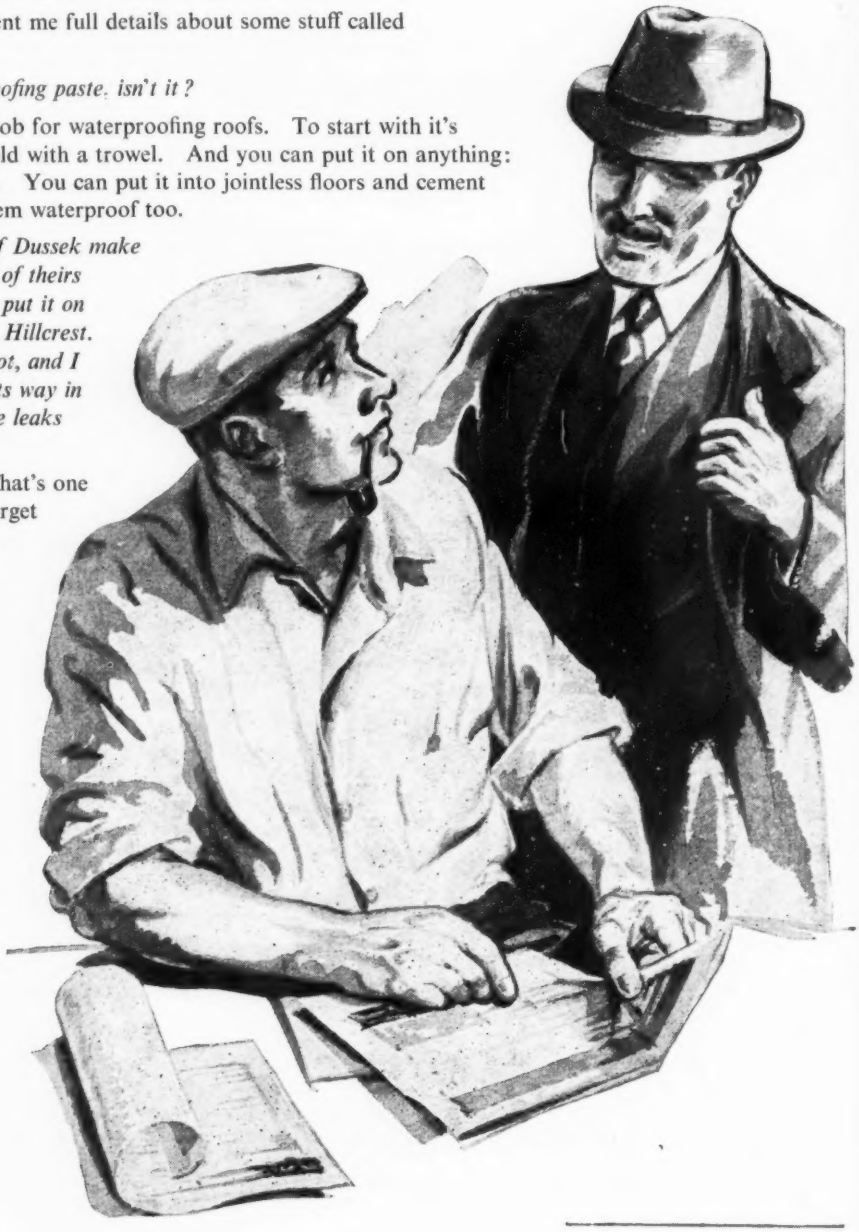
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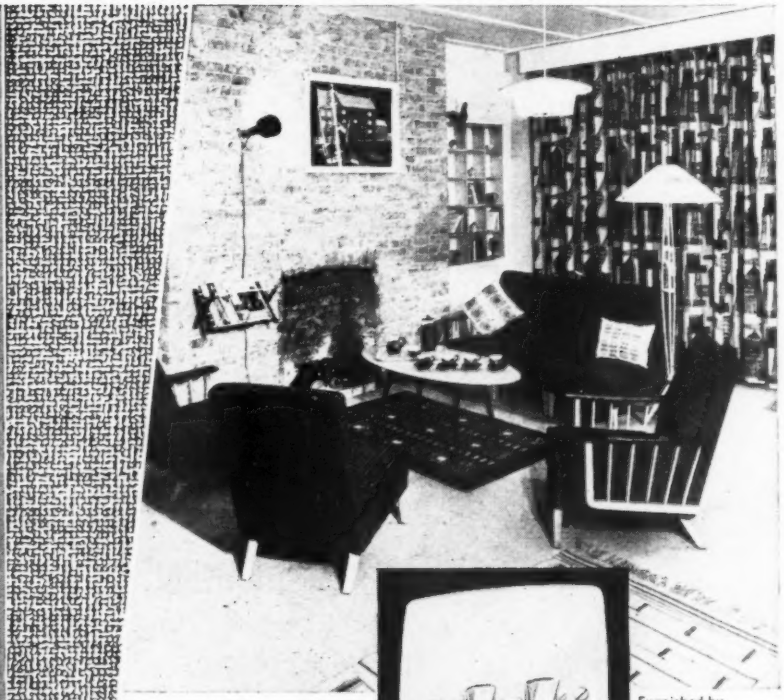
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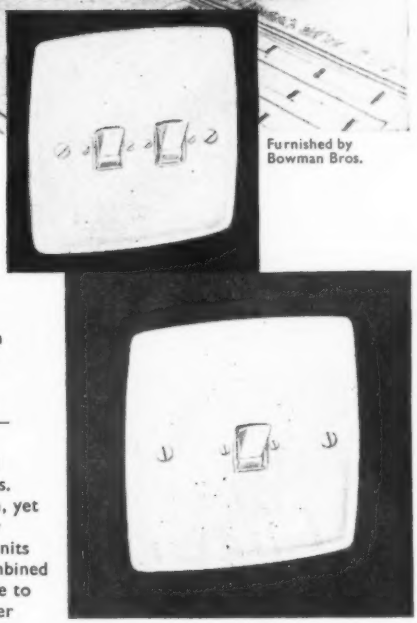
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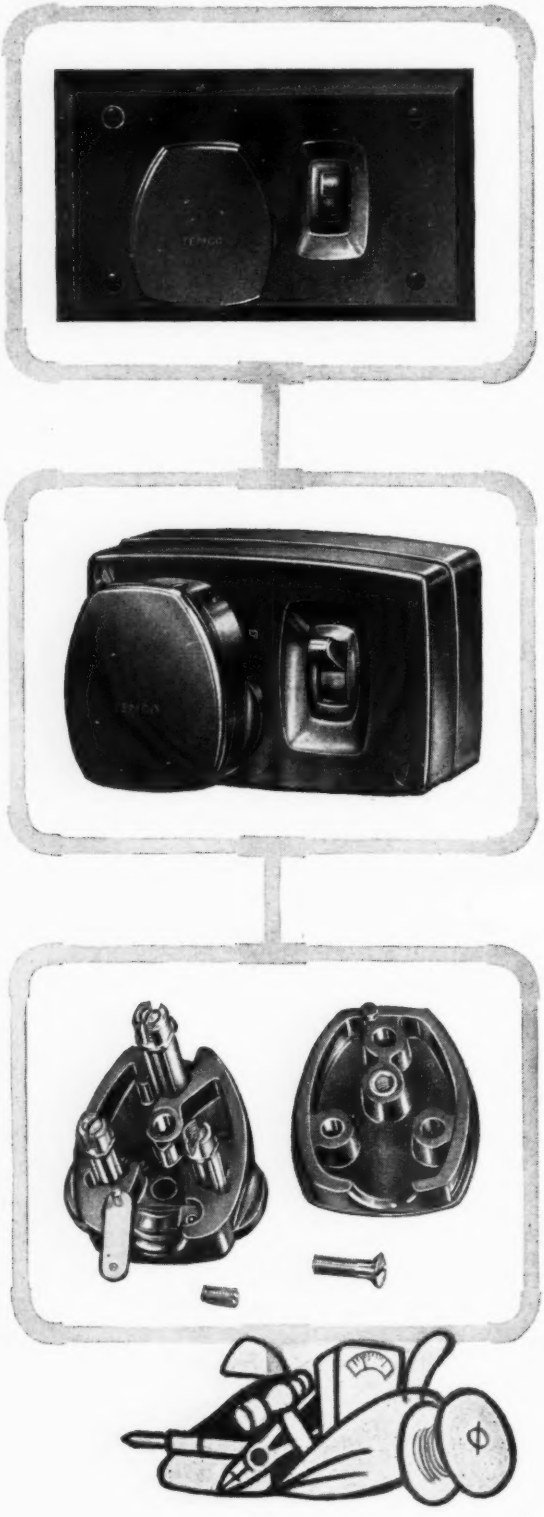
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Oil-fired space and water heating is now in use in many public buildings, from office blocks to factories, schools and hospitals—not to mention a good number of largish private houses. If you are designing or modifying any premises of this nature it may well be worth your while to make provision for oil-firing. For any detailed information which you may require do not hesitate to get in touch with Shell-Mex and B.P. Ltd., Fuel Oil Dept. 20F, Shell-Mex House, Strand, London, W.C.2.



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Architect: D. L. W. O'DELL, BUILDINGS OFFICER.
Contractor: THRAVES AND SONS, NOTTINGHAM.

Nottingham University decided to cover the floor of the Laboratories, Staff Rooms and Lecture Rooms in their Biology Building. Since the floors would be subject to continual traffic and, more especially, exposure to all manner of chemicals, the University Laboratories themselves tested various types of floor covering. Nairn Vinyl Tiles proved, on test, to be the most satisfactory and were used exclusively.

Nairn 'Clean-ability'. Grease, oil, mud . . . bleach, alkalis, ink . . . all the things that might ruin an ordinary floor don't affect a Nairn Vinyl Tile Floor. And all that's needed to keep it shining clean is an occasional polishing.

Nairn 'Versatility'. Nairn Vinyl Tile Floors can be laid on any kind of level surface, upstairs, downstairs, or in the basement. As a design component, the Nairn Vinyl Tile is extremely versatile, too . . . AND, LAST BUT NOT LEAST, THE COST IS SURPRISINGLY LOW.

For years, both here and in the U.S.A., laboratory research and stringent practical tests have *proved* the wear-resistance of Nairn Vinyl Tile Floors.



Please write to us (at Office 101) for further information, literature and advice.

MICHAEL NAIRN & COMPANY LIMITED, KIRKCALDY, SCOTLAND

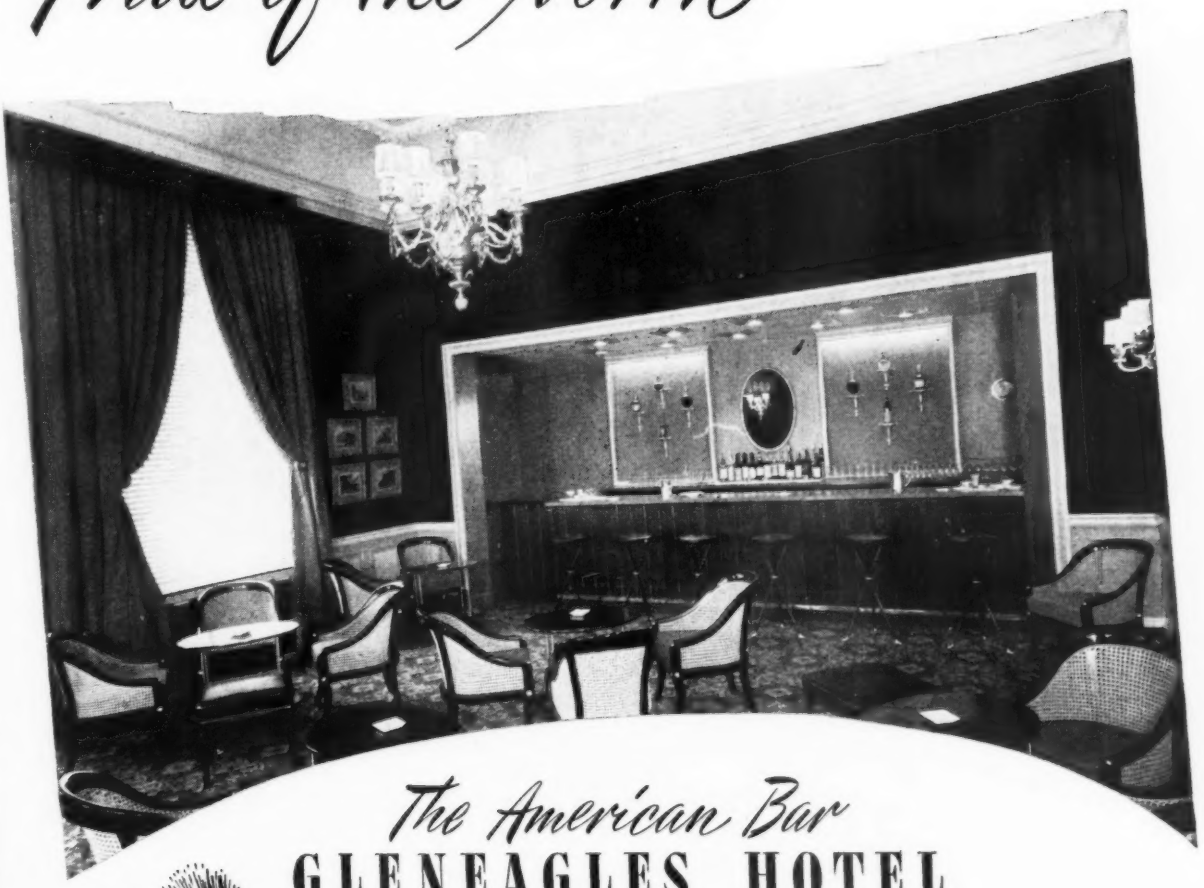
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Vep

emulsion paint

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Pride of the North



The American Bar
GLENEAGLES HOTEL

By courtesy of Hotels & Catering Services of British Transport Commission

Perthshire can indeed be proud of its famous Gleneagles Hotel, long recognised as one of Scotland's most luxurious establishments, and so when modification of the American Bar was needed Gaskell & Chambers were commissioned to carry out the work as follows:—

The counter, buffet, seating, surrounds, venetian blinds, light fitments and false ceiling in the Servery; the counter front in Spanish Mahogany set with vertical polished brass rods, with a footrest of brass angle; the counter top in blue Kingdecor plastic; the walls, papered in two shades of green, and the rest of the woodwork in two tones of grey, and the radiator grilles and light fittings in the Servery in polished brass.

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Britain's Biggest Bar Fitters

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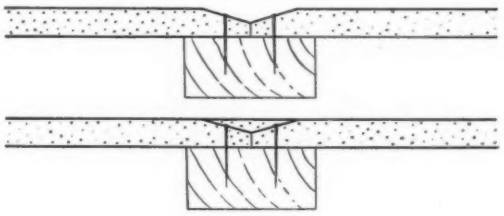
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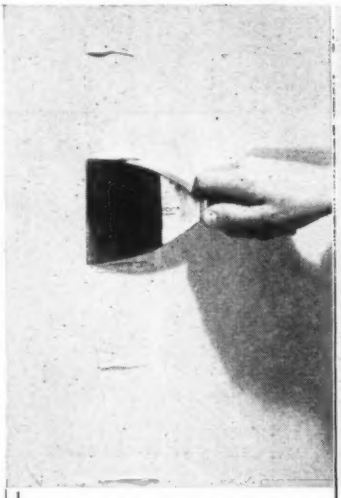
5779

Flush jointing is easy with



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TAPERED EDGED WALLBOARD



1. Apply a thin layer of GYPROC Joint Filler into recess with a 4" wide flexible joint filling knife.



2. Embed GYPROC Perforated Joint Tape whilst GYPROC Joint Filler is still plastic.



3. Apply a thin layer of GYPROC Joint Filler over the surface of the GYPROC Perforated Joint Tape.



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- GYPROC Wallboard is a **gypsum plasterboard** manufactured to British Standard 1230.

 The standard sizes are 6′ to 12′ long, 3′ and 4′ wide, $\frac{3}{8}$″ and $\frac{1}{2}$″ thick.

- It may have either tapered or square edges and is obtainable in plain or insulating* types.

- GYPROC Wallboard may be decorated with any type of paint or distemper.

- It is fire protective, possessing Class I surfaces (B.S.476) and an incombustible gypsum core.

- * GYPROC Insulating Wallboard, with a bright aluminium veneer on one side, should be used where a high degree of thermal insulation is required.

For further information write for Leaflets P.326 and P.359

Makers of acoustic and thermal insulation products including GYPROC *Insulating Plasterboard, Acoustic* GYPROC, GYPROC *Slotted Acoustic Tiles,* GYPKLITH *Wood Wool Slabs,* GYPKLITH *Fluted Panels, Insulex and* ZONALEX *Loose Fill Insulation,* GYPLITE *Vermiculite Insulating Plaster,* DEKOOSTO *Acoustic Plaster.*

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W4

DSP RUBBER CARPET MOUNTING

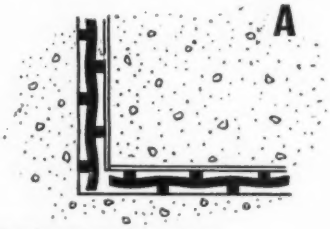
U.K. Patent No. 61173

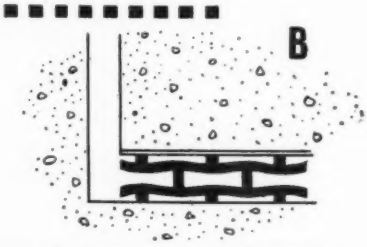


Photograph reproduced by kind permission of Anglamol Limited, Hazelwood, Near Derby.

The Test Beds illustrated show the application of D.S.P. Carpet Mounting to Engine foundations providing isolation from the surrounding structure. The method of application of the Anti-Vibration carpet is decided by the vibration characteristics of the individual Engines.

A three-cylinder G.M. and a single-cylinder Caterpillar Diesel Engine used for testing Lubricating Oils are mounted side by side.
(A) A single layer of D.S.P. Rubber Carpet Mounting has been laid beneath the multi-cylinder Engine foundation; *no measurable vibration on the surrounding floor.*
(B) A double layer of D.S.P. Rubber Carpet Mounting has been laid below the Caterpillar Engine foundation (to deal with its lower frequency); in this case *85% isolation of vibration is effected at frequencies down to 500 c.p.m.*





D.S.P. Carpet Mounting is universally used to isolate large machine foundations from surrounding buildings; also to provide insulation from external interference for foundations supporting sensitive Machines and Equipment. In the range of D.S.P. Mountings is a solution to almost every industrial vibration problem involving any equipment from light instruments to 500 ton installations. Write for Anti-Vibration advisory service to:

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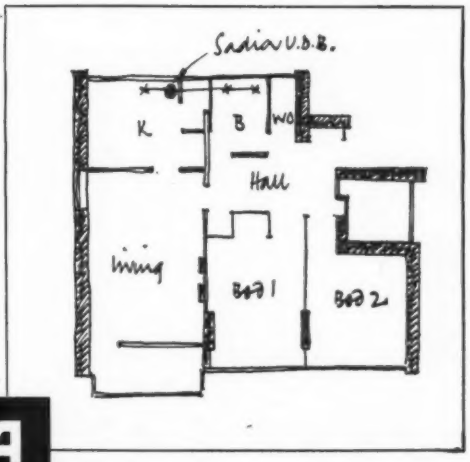
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The L.C.C. installs SADIA water heaters in flats on the Ackroydon Housing Estate

These 11-storey blocks of flats posed a water-heating problem for the L.C.C. Architects' Department. The three buildings were too far apart for a central boiler house to be economical. And flues for individual solid fuel boilers through 11 storeys would occupy too much space.

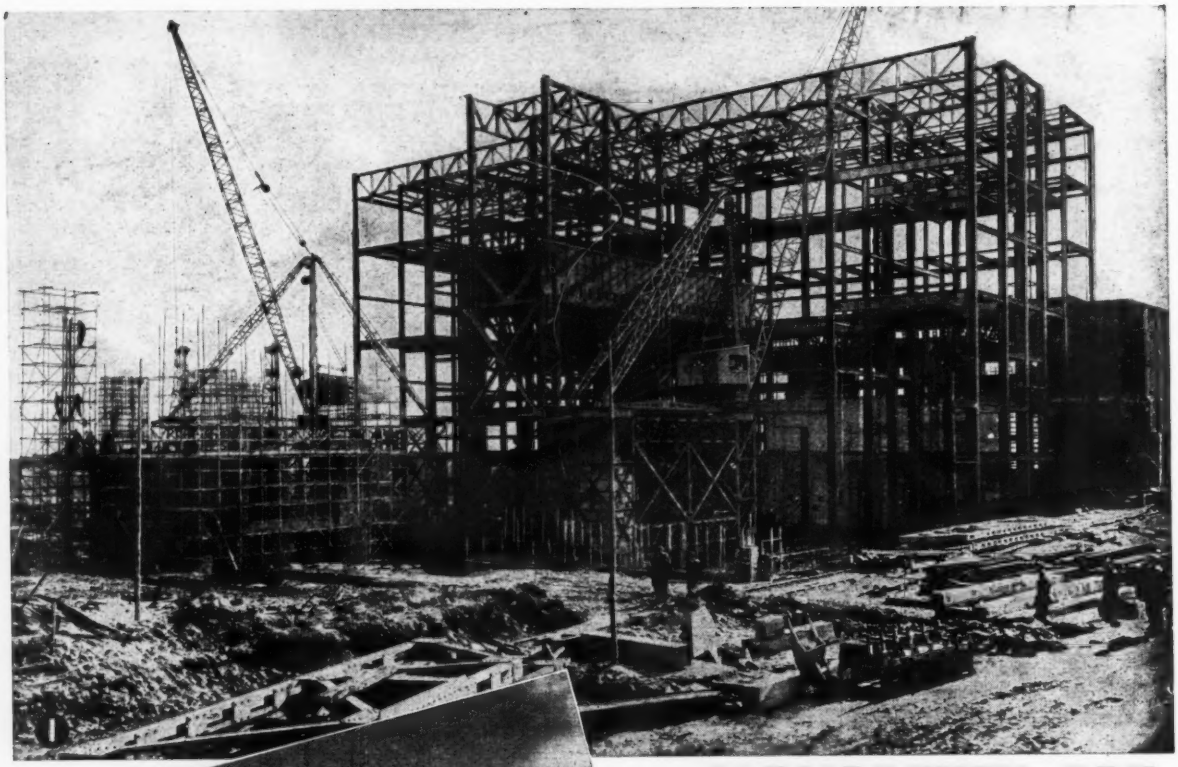
The problem was effectively solved by fitting individual SADIA *U.D.B.* Water Heaters throughout the 99 flats. This Storage Heater has many advantages. It tucks away out of sight *U*nder the kitchen *D*raining *B*oard. It calls for a minimum of plumbing. It is clean, safe and economical in operation. And like all SADIA equipment, it is completely dependable.

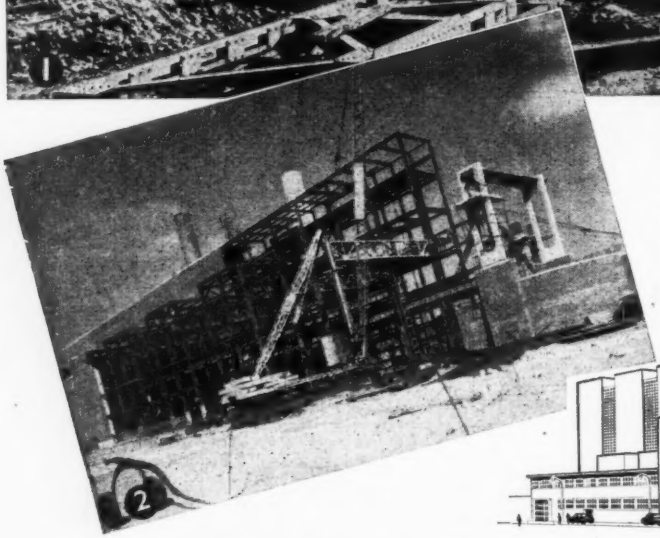


SADIA
HOT WATER BY ELECTRICITY

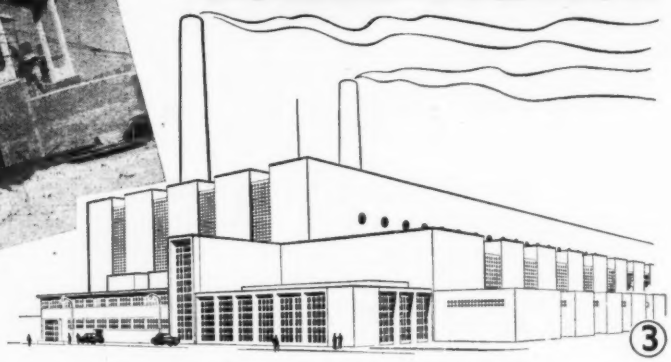
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CARMARTHEN BAY POWER STATION



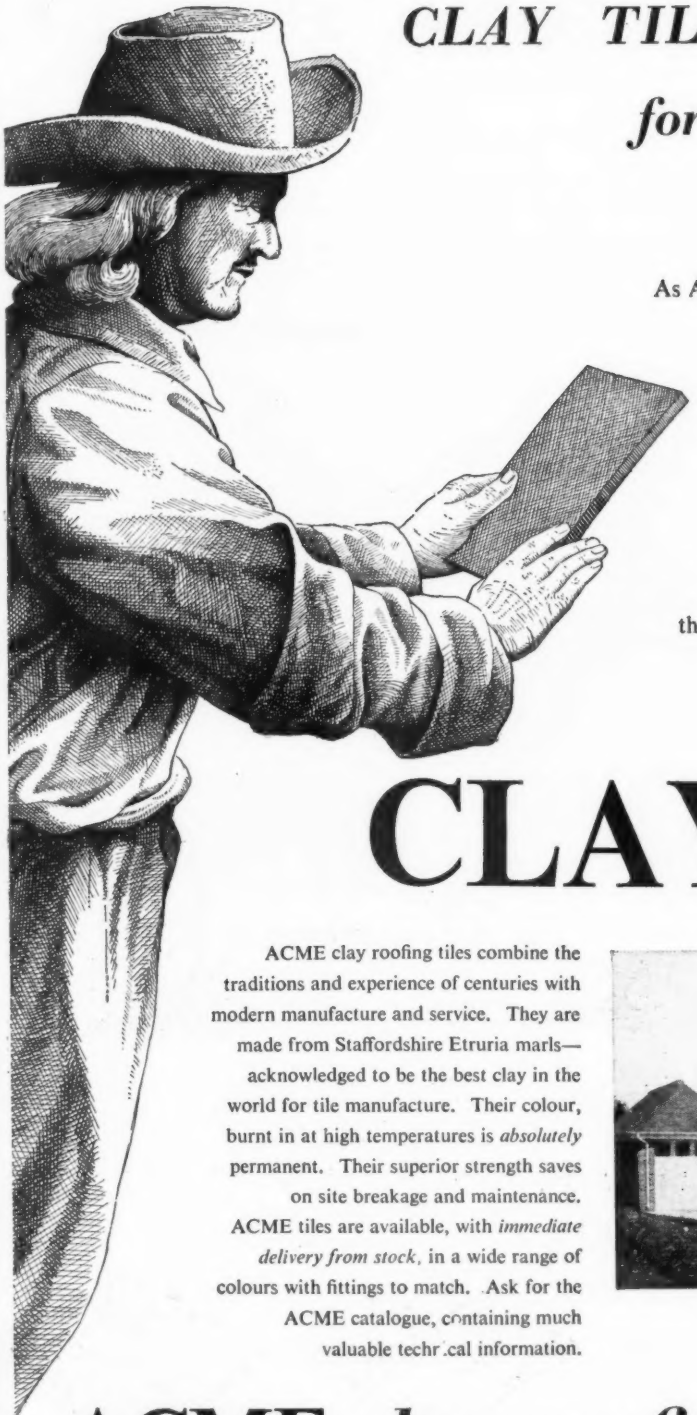
1. View towards South-East across No. 1 Boiler House site showing also No. 1 Chimney Plinth in course of construction.
2. Main Building. General view of No. 3 Turbine Room and tank annexe steelwork from South side, looking North-West.
3. Main building. General view of Station building from foreshore, looking North-East.

Photographs by courtesy of the Central Electricity Authority, South Wales Division.
Engineers and Contractors: Messrs. Balfour, Beatty & Co. Ltd.

STRUCTURAL STEELWORK BY

SOUTH DURHAM

SOUTH DURHAM STEEL & IRON CO. LTD. (incorporating CARGO FLEET IRON CO. LTD.)
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CLAY TILES —

for eight centuries England's roof . . .

As Agricultural Britain changed to a land of industry, new materials, new methods supplanted the old and traditional crafts began to give way to the first stirrings of mass production. A new, blacker, busier country was born, ruled by the new masters of coal and iron. The revolution had begun. Amongst the few unaffected members of the materials aristocracy was the clay roofing tile, for nothing—since the days of the Normans—has been found to take its place . . . for the simple reason that there's no roof like a clay tiled roof.

CLAY lasts

ACME clay roofing tiles combine the traditions and experience of centuries with modern manufacture and service. They are made from Staffordshire Etruria marls—acknowledged to be the best clay in the world for tile manufacture. Their colour, burnt in at high temperatures is *absolutely* permanent. Their superior strength saves on site breakage and maintenance. ACME tiles are available, with *immediate delivery from stock*, in a wide range of colours with fittings to match. Ask for the ACME catalogue, containing much valuable techr.cal information.



Private Residence at Heswall.

ACME *clay roofing tiles*

DOWNING'S *range of roofing tiles includes* :—

ACME M.M. ROOFING TILES
ACME SANDSTORM ROOFING TILES
ACME HAND-MADE SANDFACED & ACME REDFLOOR QUARRIES.



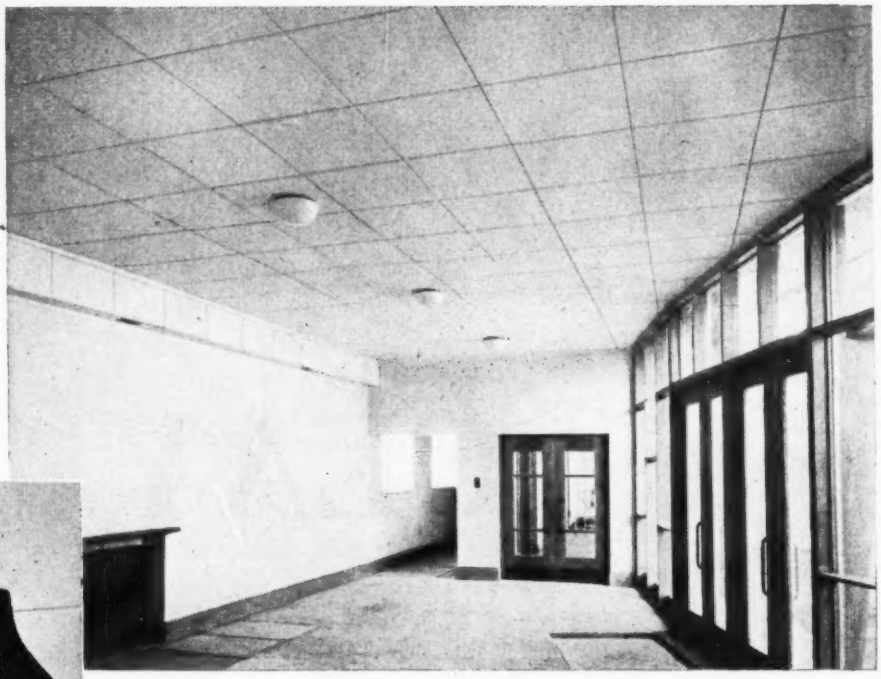
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L.G.8.

"VEELAP"

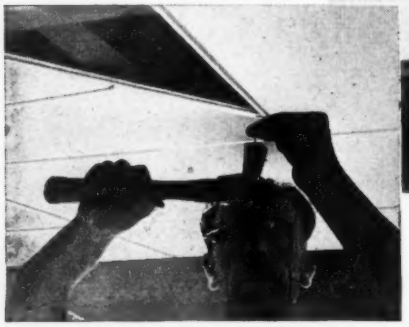
INSULATING BOARD FOR CEILINGS AND WALLS

With the "Veelap" system we supply lay-outs for approval, after which the boards are cut to size and the edges processed with Veelap. The boards are then numbered on the back to conform to plan and sent to site—in other words, a prefabricated sheet using dry technique finish.
"Veelap" Insulating Board may be nailed, using "Metco" Sheradised Gimp Pins, or P.K. screwed, or bonded to joists and/or battens. The "lap" takes up any movement of the boards when in place.



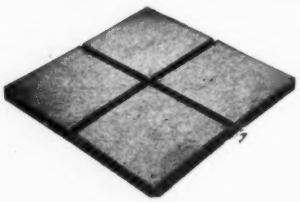
In this new Bromley (Kent) school, over 20,000 sq. ft. of ¼in. Vee-lapped insulating board were screwed direct to the metal roof decking. The picture above shows the spacious entrance hall.

Mr. H. Cliffe, B.Sc. (Eng.) Lon. M.I.C.E., M.I.Mun. E., M.T.P.I., Borough Engineer, Mr. H. T. Medhurst, I.R.I.B.A., Assistant-in-Charge.



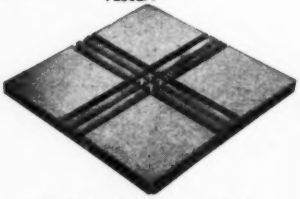
The "Veelap" system is now used in conjunction with our metal fixing methods of suspended ceilings and walls (concealed fixing).

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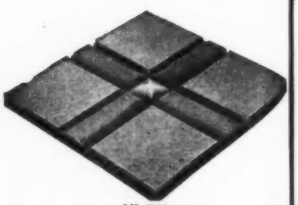


VL500

VL502A



VL 502B (as VL 502A, but with three instead of two beads)



VL 503

The Merchant Trading Company Limited

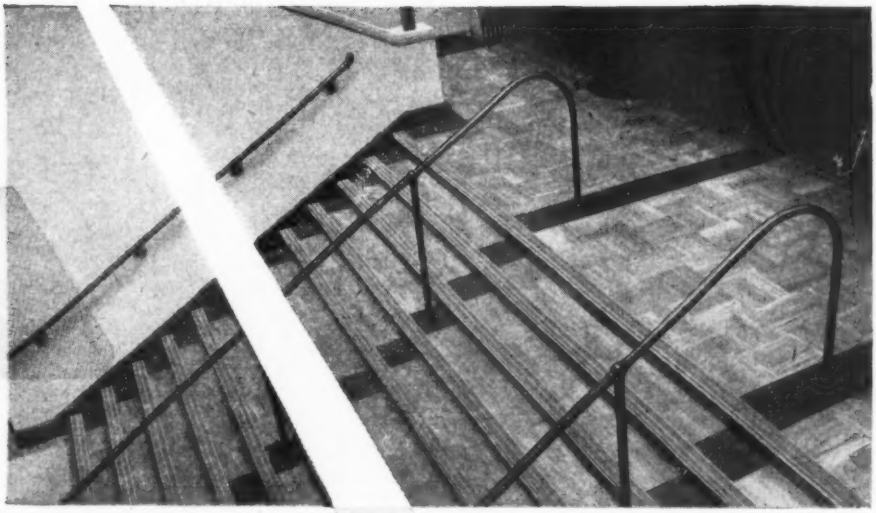
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This ice rink is keen on non-slip!

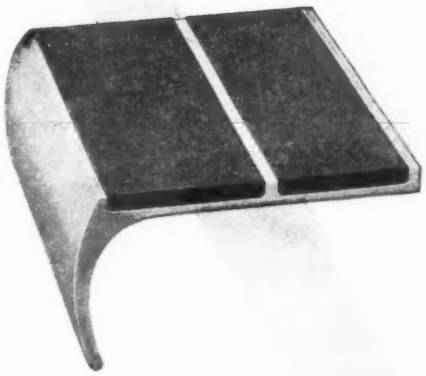
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26 STORE STREET W.C.1



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And, after the day's traffic, a quick wash down and the Ferodo Stairtreads look as if they had just been laid.

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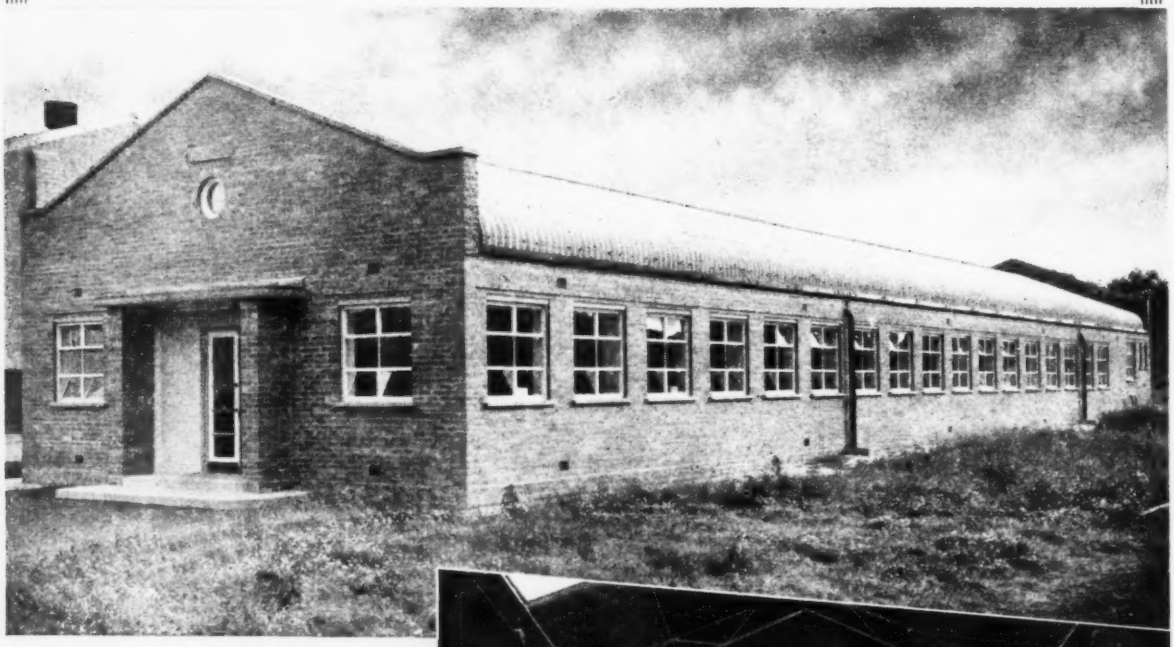


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The adaptability of the Coseley Standard Steel Framed Building is shown in these illustrations. Standard Spans range from 30ft. to 75ft., with 8ft. to 20ft. height to eaves. Lean-to and canopy extensions can be supplied at standard roof slope. Lengths in multiples of 12ft. 6in. and widths in multiples of Standard spans.

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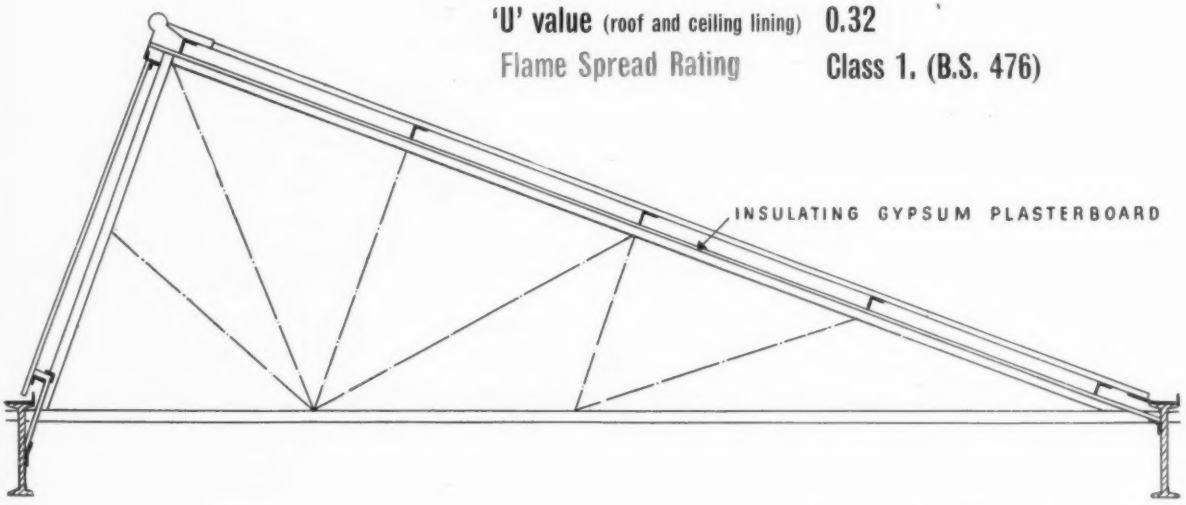
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SUSPENDED CEILING

Area	1,973 sq. yds.
Contract Cost (erected)	14/8d. per sq. yd.
'U' value (roof only)	1.4
'U' value (roof and ceiling lining)	0.32
Flame Spread Rating	Class 1. (B.S. 476)



Whatever the building, fire hazard must be minimised. Gypsum Plasterboard is fire resisting to a higher degree than any other board of comparable cost.



INSULATING GYPSUM PLASTERBOARD
gives the essential degree of thermal insulation with fire protection at lowest cost.

For information and literature please write to one of these addresses:

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Published by The Gypsum Building Products Association

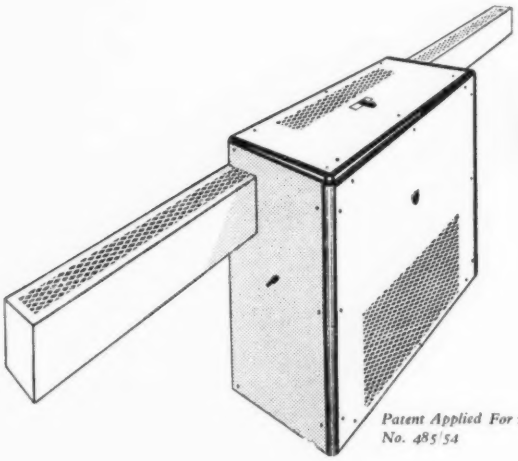
G13

"Which ever way the wind blows"



We can give you the conditions you are looking for; you can select from our range of Air Treatment equipment units that will create just whatever atmosphere you may require—where and when it is needed.

The Biddle range of Air Treatment equipment covers Heating, Cooling, Ventilating, Dehumidifying and Humidifying, and in each case models are available for industrial, domestic, commercial, medical or marine applications.

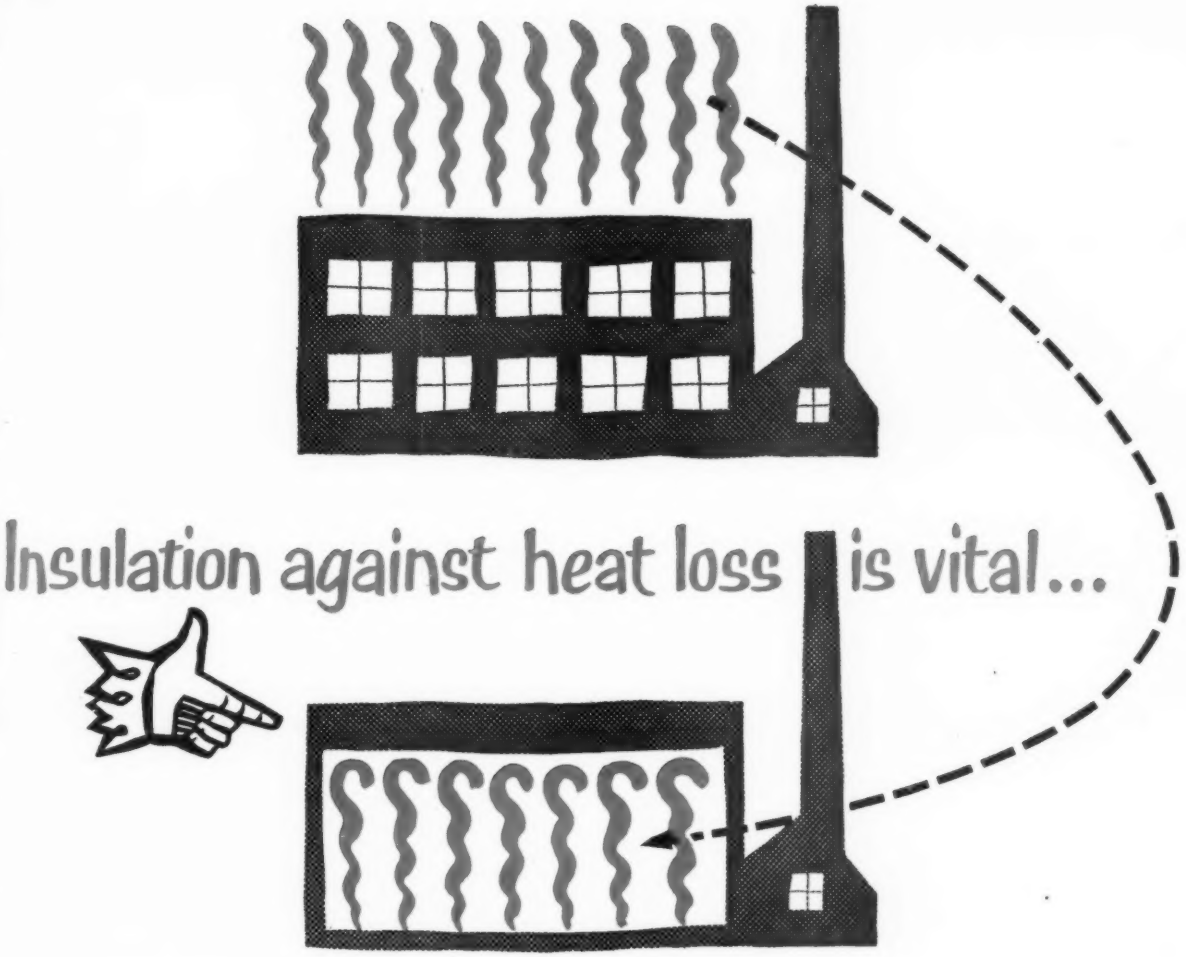


Patent Applied For: No. 485/54

The Biddle "Wideflo" forced convection heater, offsets down-draughts and cold spots, often caused by large modern window schemes. The extended side ducts ensure a very wide distribution of warm air, and are available in lengths from between 6 to 10 feet (each side of the cabinet). The unit, which can be supplied with the ducts fitted in any horizontal position, between the one shown, down to skirting board level—is for use on steam or hot water systems.

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...creates the right atmosphere...

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Vital to the National economy,
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it can halve his fuel bill.

A thermally insulated lining applied to the roof of an industrial building can reduce the annual fuel consumption by up to 6 tons for every 1,000 sq. ft. of structure.

'Paramount' Insulating Gypsum Plaster Board provides the highest degree of thermal insulation at competitive cost and gives maximum fire protection as a welcome bonus.

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INDESTRUCTIBLE

100 COLOUR RANGE

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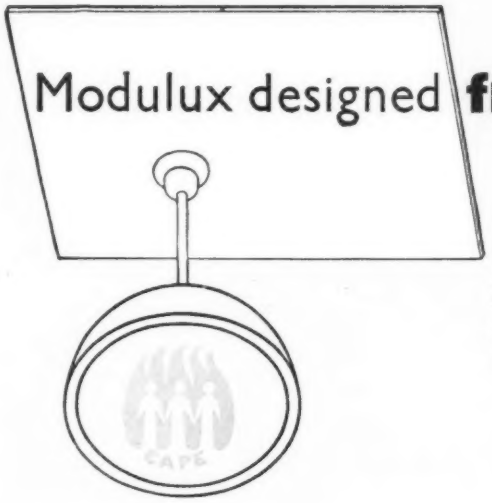
Have you received your copy of our 'When Specifying Paint' File? It contains a series of valuable technical leaflets on the Protection and Decoration of the various types of surfaces, together with specifications and suggested colour schemes. A complete copy will be despatched to you on application.

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Data Sheet A.S.2 gives fixing and other details for steel framed multi-storey buildings where distances between beams necessitate subsidiary grids for panel suspension. Data Sheet A.S.3 is related to a 40-inch planning module. Write for your copies.



"Asbestolux" ceiling at the Chaddesden Secondary Modern School, Derby. (40" module)

Architects: Architects Co-Partnership

dry construction *needs* **ASBESTOLUX**

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PHOTOGRAPH: Don stairtreads fitted to the staircase of a Government Department in Bristol.

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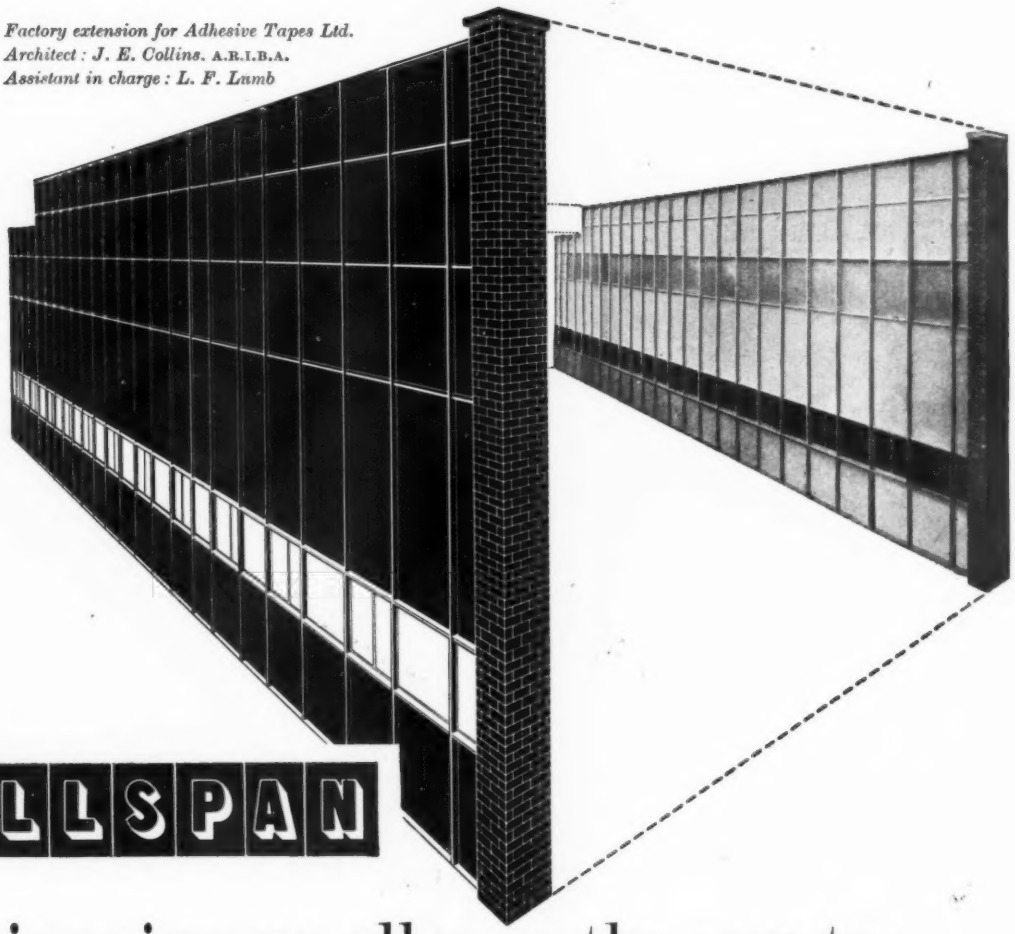
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Factory extension for Adhesive Tapes Ltd.
Architect: J. E. Collins. A.R.I.B.A.
Assistant in charge: L. F. Lamb



WALLSPAN

is going up all over the country

Re-erection of Wallspan solves future extension problem of new factory bays

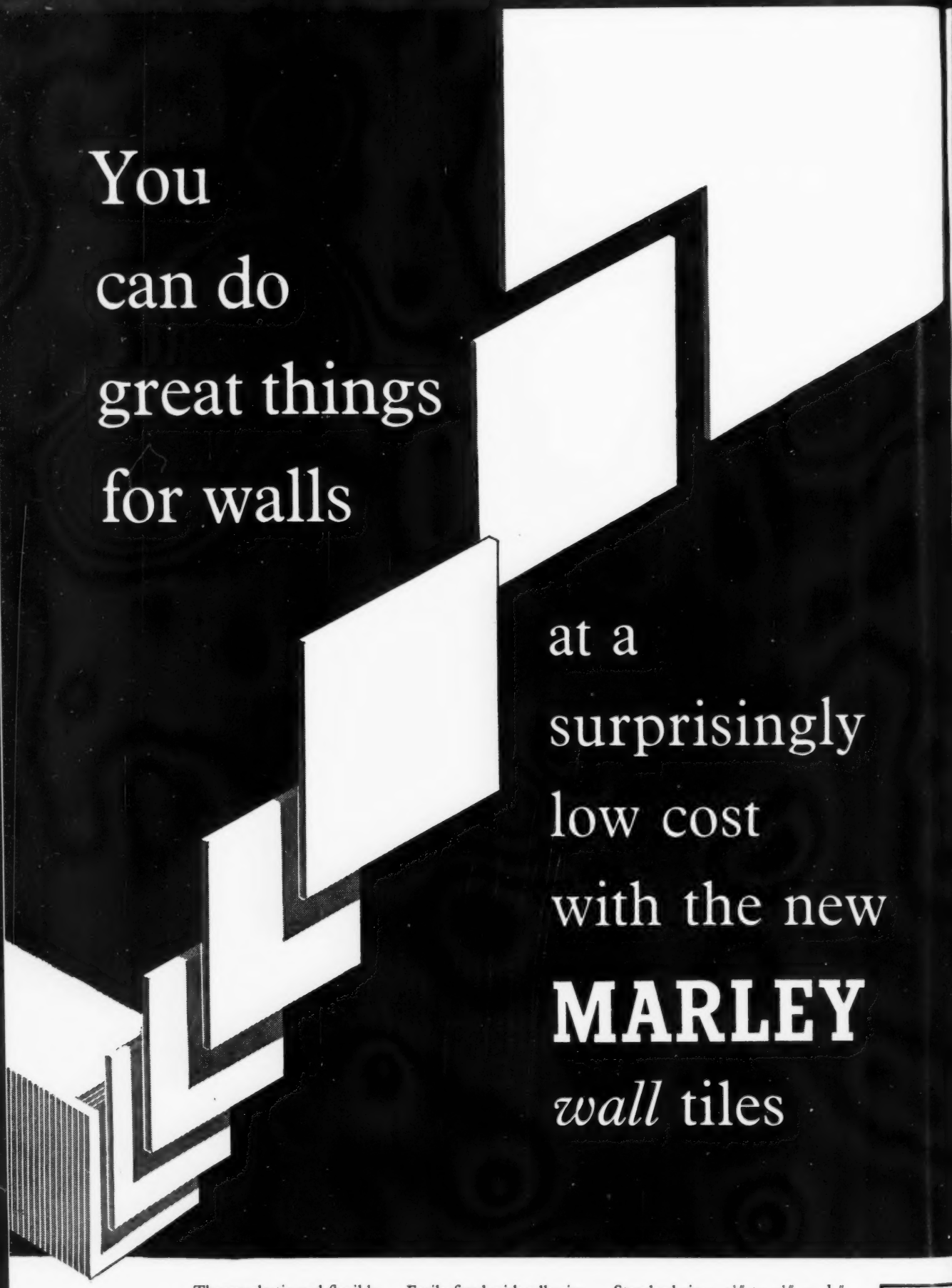
Adhesive Tapes Ltd. are building big new extensions to their Boreham Wood factory. The first of these, illustrated here, will be extended still further in a few years' time. With this in mind, Architect J. E. Collins, A.R.I.B.A., chose Wallspan for the end walls of this bay. The installation is permanently up now. But it will be a relatively simple job to take down and re-erect when the bay is lengthened. There will be no waste of materials, a minimum of labour cost.

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No. 3158 September 8, 1955 VOL. 122

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MODERN FOR THE CLASSICS

The Radio Show, like the Motor Show, is one of those centres of mass pilgrimage by which the temper of the nation is judged; whatever one's trade or racket one can learn a great deal about the customers' likely frame of mind over the next twelve months. ASTRAGAL, looking back over his comments in previous years, finds that he has tended to use the Radio Show as a barometer of the public's attitude to good design, but looking over this year's exhibits, he is inclined to use the Radio Show as the indicator of a continuing split in the acceptance of standards of design.

*

One might have gone this year anticipating a squalid purge of flashiness stirred up by the imminence of commercial TV, only to find that, inexplicably it hadn't happened. The crux of this year's show was super-charged steam-radio, VHF/FM, and ASTRAGAL found the results very instructive. Who will buy FM? The answer, from the look and price of the sets, will be lower-middle-class intellectuals who have heard about good design. Practically every stand shows an FM set at about 25 gns., but unlike AM* sets in this price range which tend to be plastic, bulgy and Borax, the FM sets are restrained and dignified wooden boxes with a few well-placed knobs. People who don't care all that much about quality of reproduction, it appears, like 'em flashy, confirmed classical-music users (who are interested in "woof" and "tweet") like something that the masters of modern design would not point a finger of scorn at. Moral, good design still only belongs to a limited section of the public.

*

TV set design, of course, is still dominated by the problem of ever-bigger screens. The enormous Twenty-One-Inchers and the now relatively smaller Seventeen-Inchers take up so much of the facade of the set that they leave little room for fancy trimmings, and design in this field isn't probably as Borax as market-researchers might advise. Tuning knobs have to fight to make themselves seen against this vista-vision competition, and are developing chrome or gold hub-caps in order to attract attention, and ASTRAGAL was delighted to observe that on one stand they boasted the trade mark of the year's most successful automobile—the three-pointed star of Mercedes. Is there a doctor of Social Symbolism in the house?

* For beginners only: AM, amplitude modulation. FM, frequency modulation.

QUIET, PLEASE

And while on the subject of TV, ASTRAGAL learns that new regulations by the Postmaster-General make it an offence to use electrical equipment such as vacuum cleaners or fans which will interfere with radio or TV reception, and if you start to annoy the neighbours you will be asked to fit some sort of suppressor. This seems fair enough, but ASTRAGAL feels rather strongly that it should be a two-way arrangement and that any radio set about which two or more neighbours complain should have to have its maximum volume cut to half. You think that existing laws and the police provide enough control? Just try to use the existing machinery and see where it gets you.

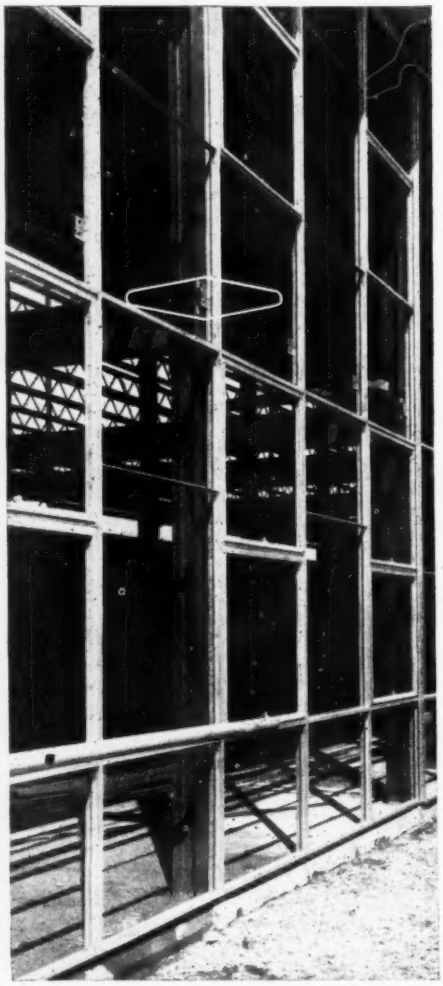
SWEDISH NEW TOWN

ASTRAGAL understands that pictures of Vällingby, the new town that is being built about ten miles from Stockholm, appear elsewhere in this issue. He was there himself earlier this summer and two things about it struck him particularly. One very much in its favour; the other somewhat the reverse. The first was the way the high point-blocks, instead of being surrounded by open space in the outlying parts of the town, are grouped closely round the central square with the specific purpose of ensuring that in the evenings, when the shops are closed, the square is still enlivened by bright lights from the windows of the flats, avoiding the danger of the centre of the town becoming dead and gloomy after dark.

*

The other point was that, in spite of the very intelligent planning in evidence

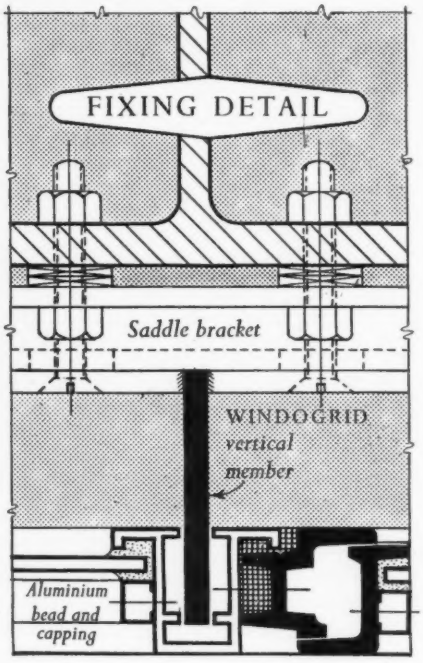
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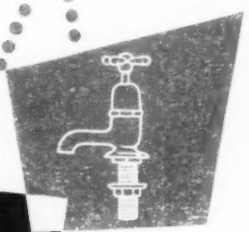
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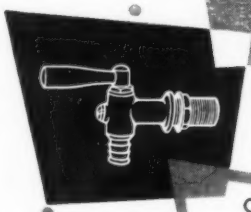


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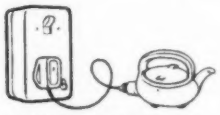


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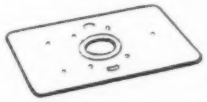
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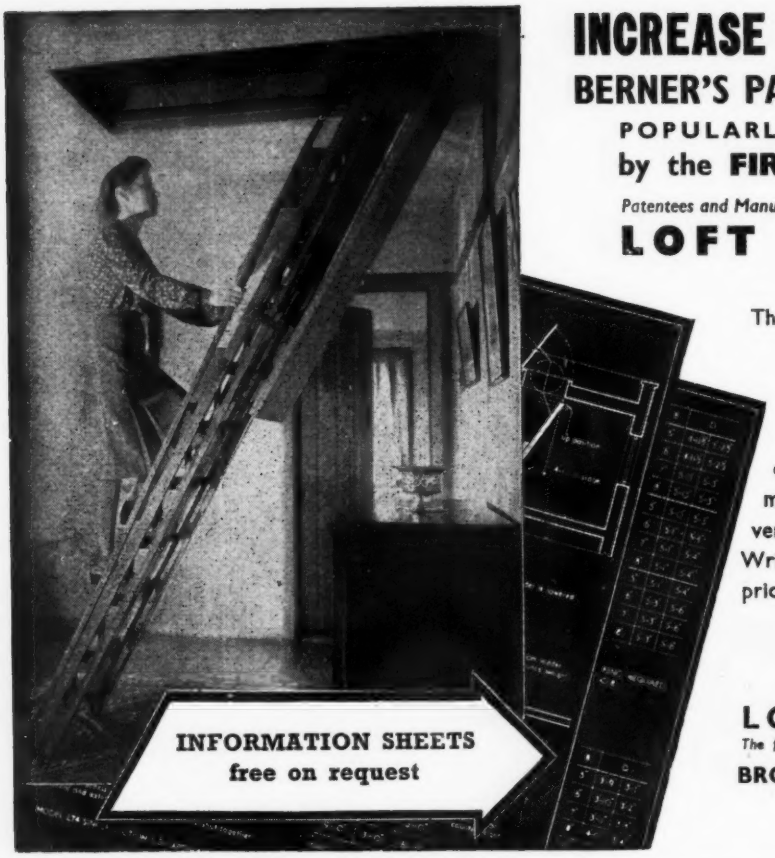
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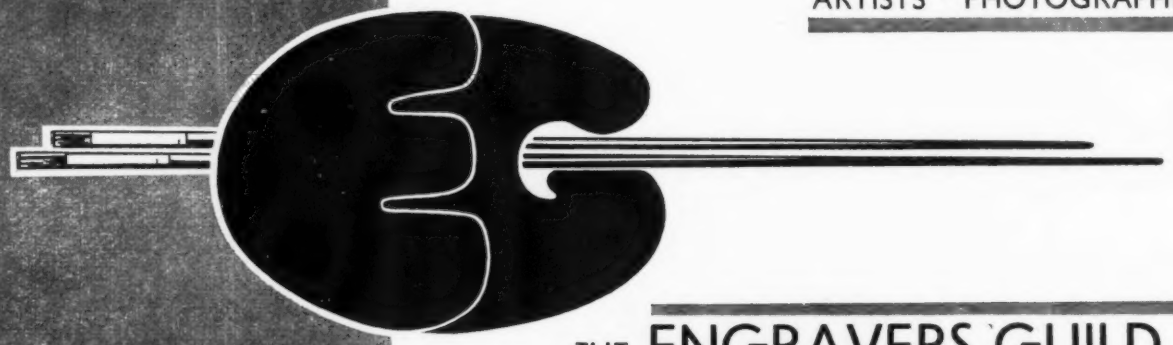
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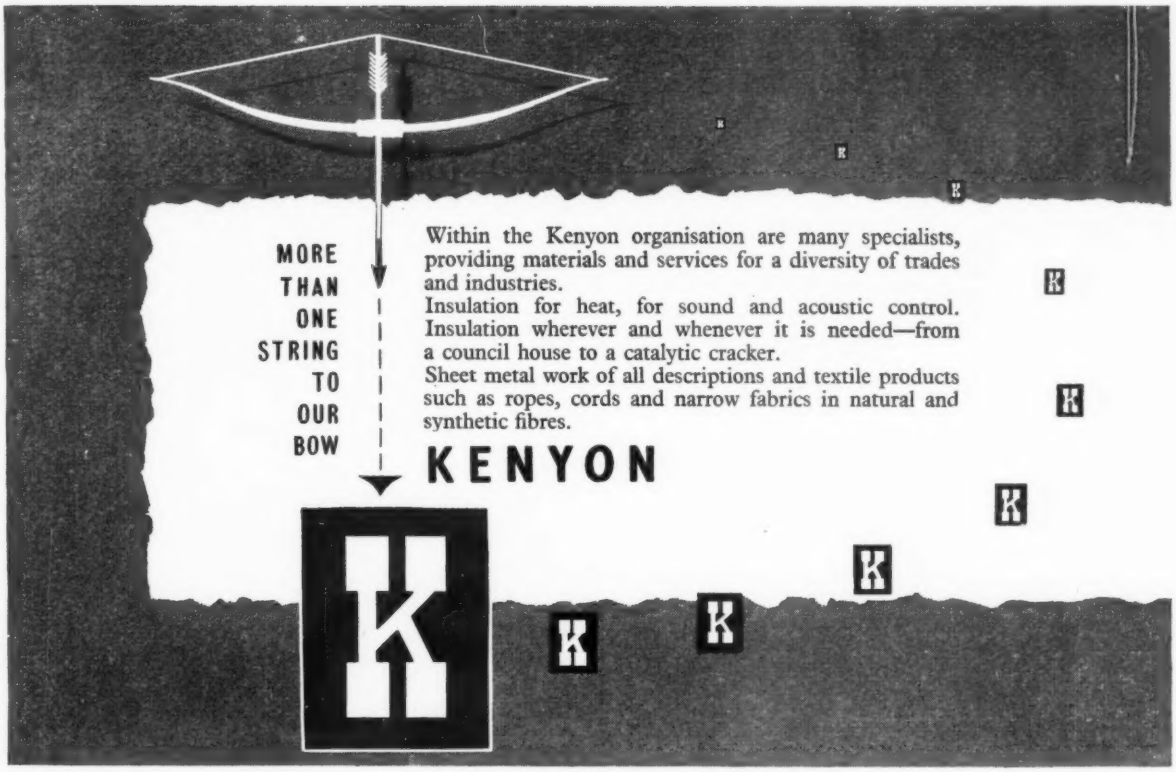
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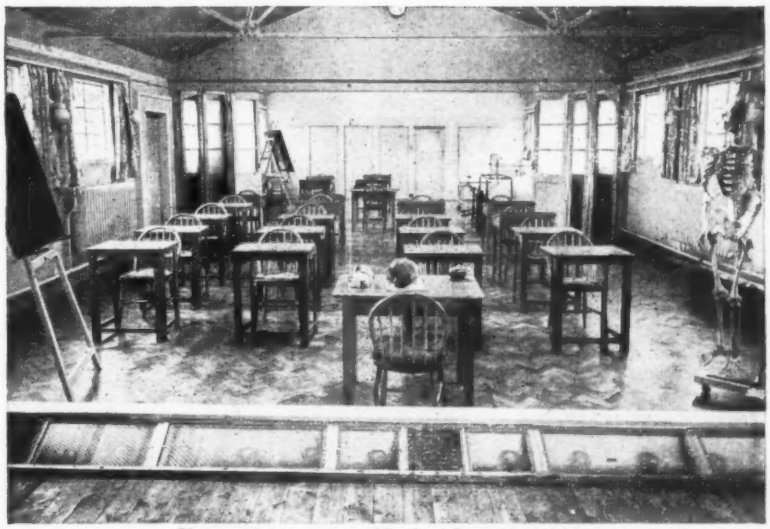
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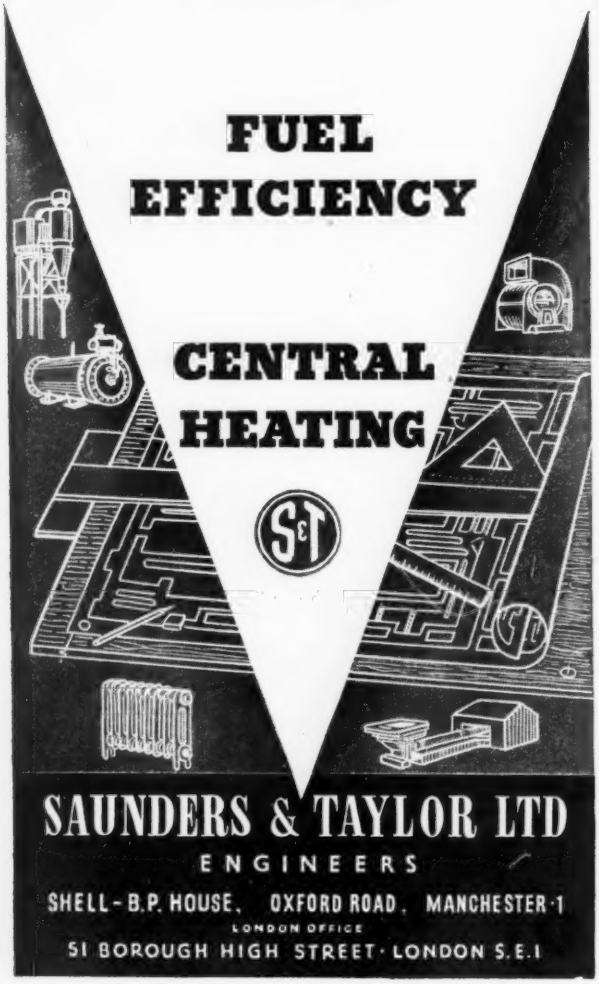
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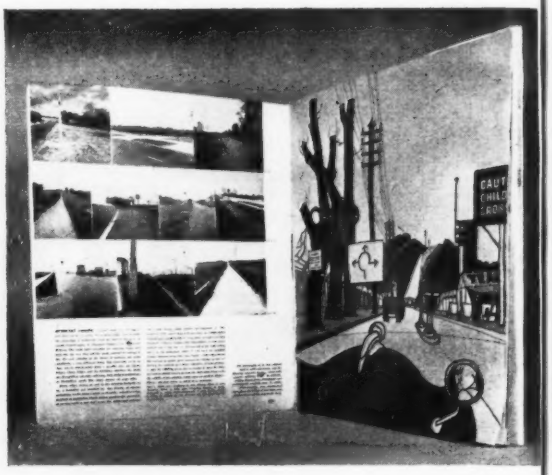
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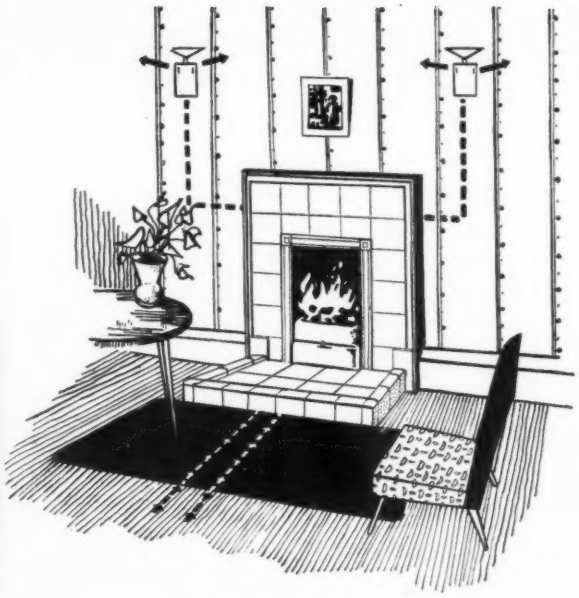
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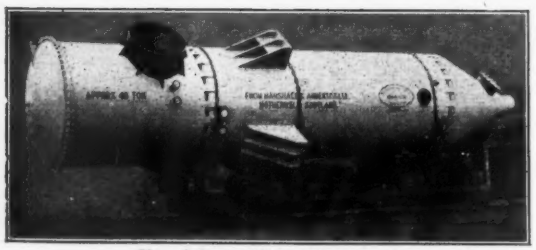
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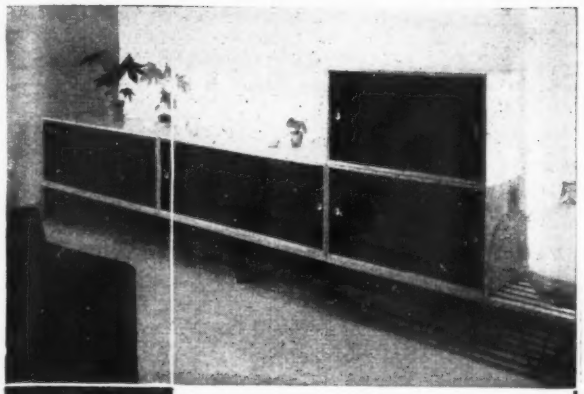
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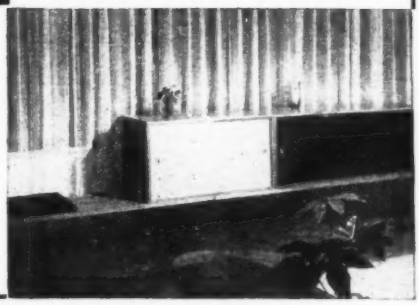
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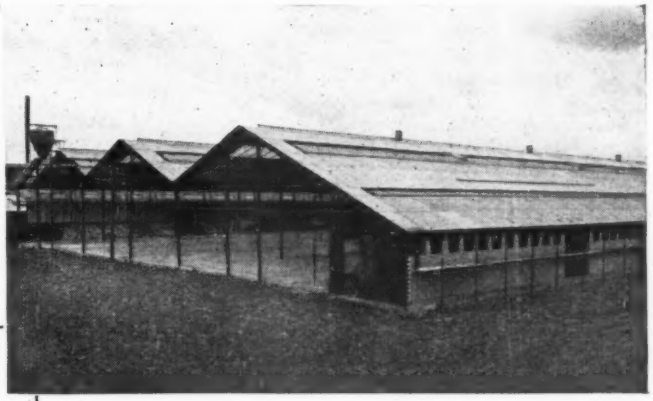
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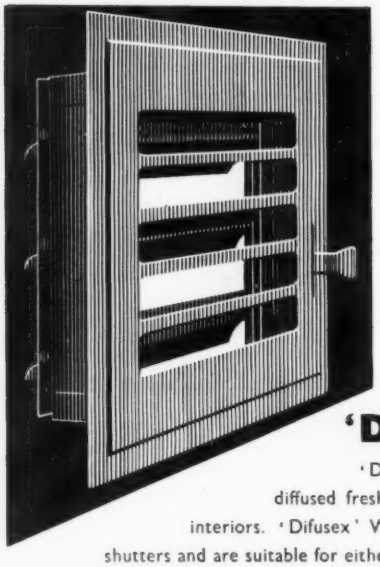


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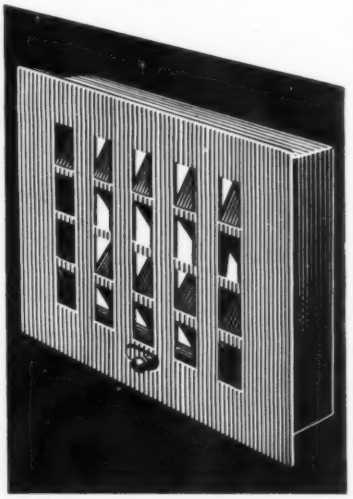
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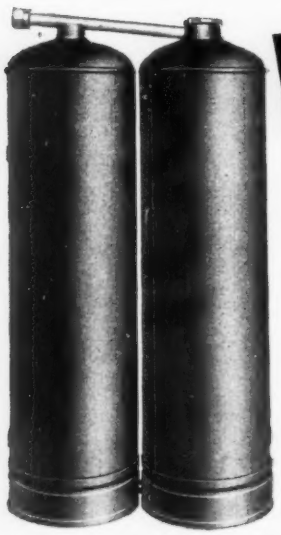
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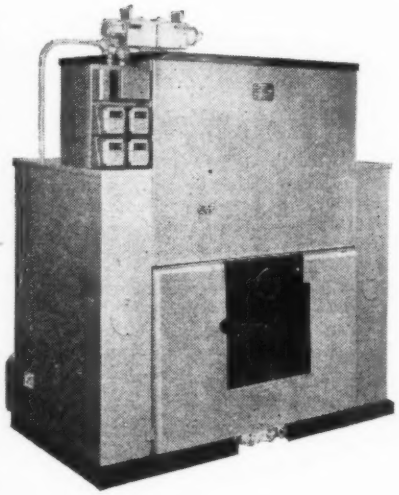
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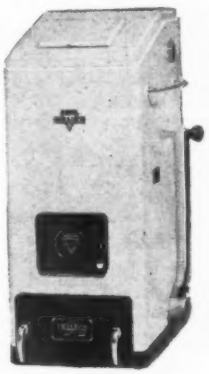
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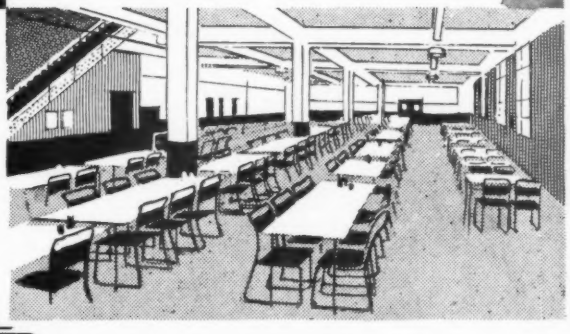
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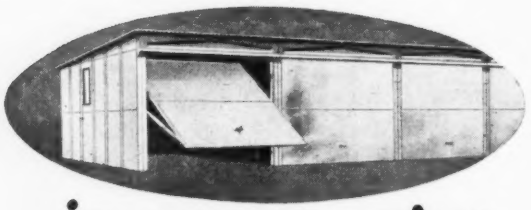
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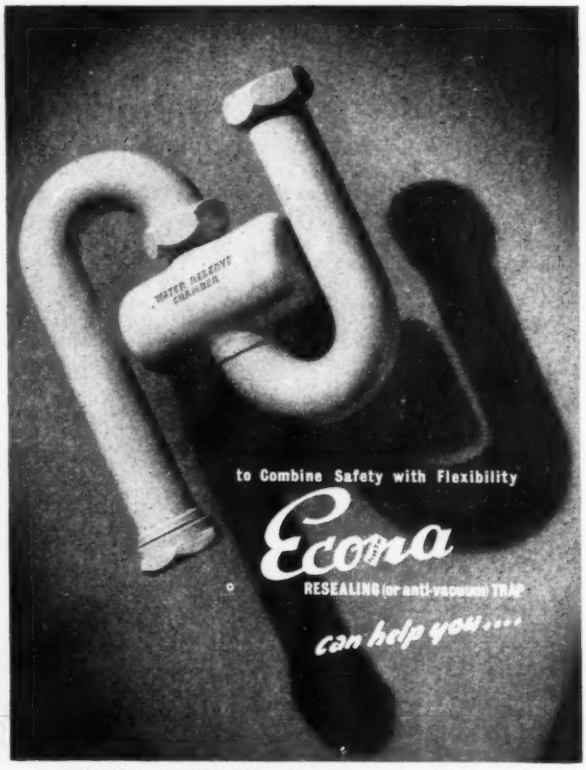
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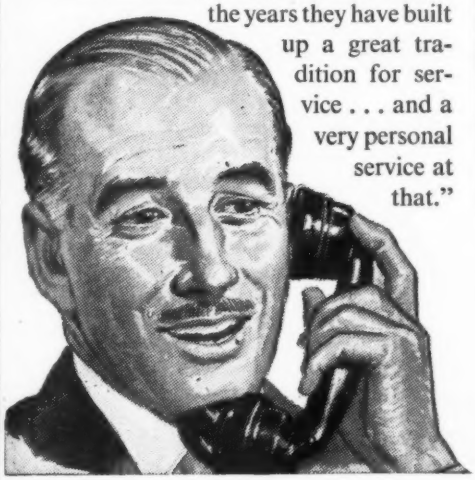
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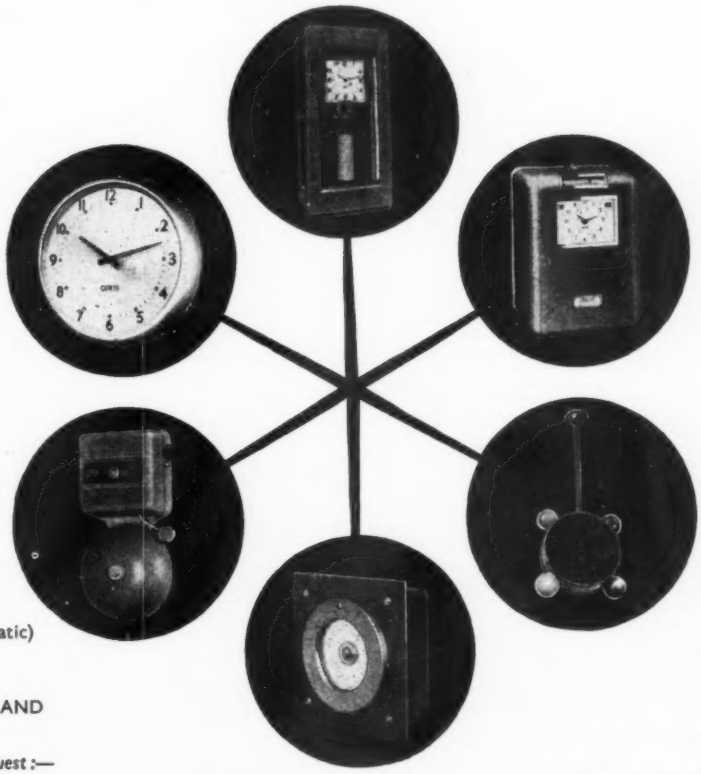
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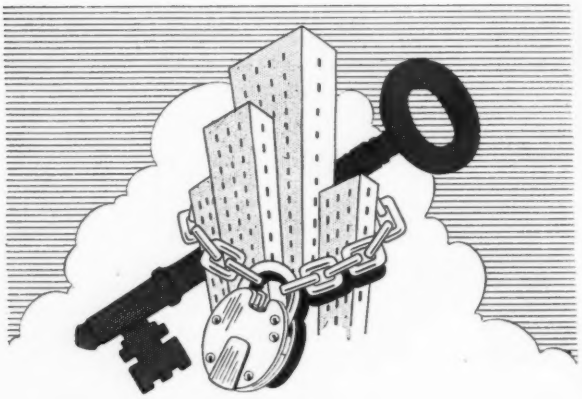
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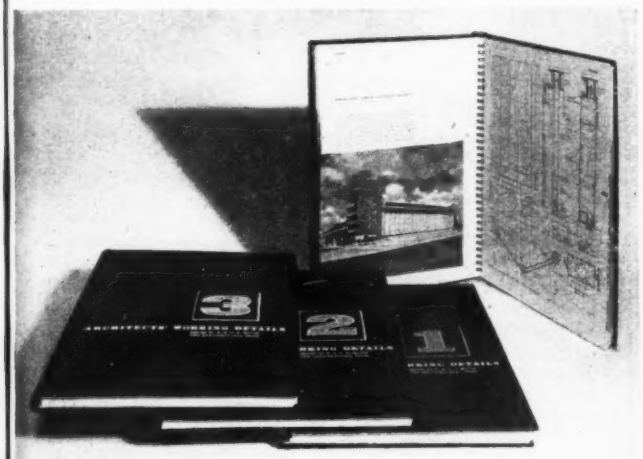
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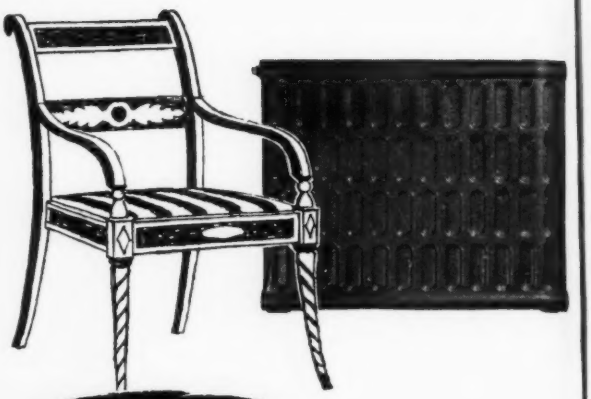
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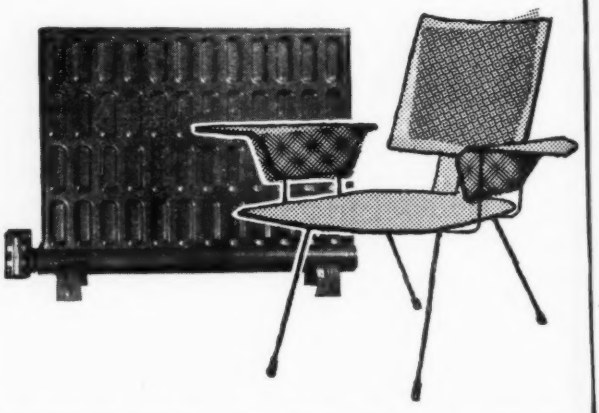
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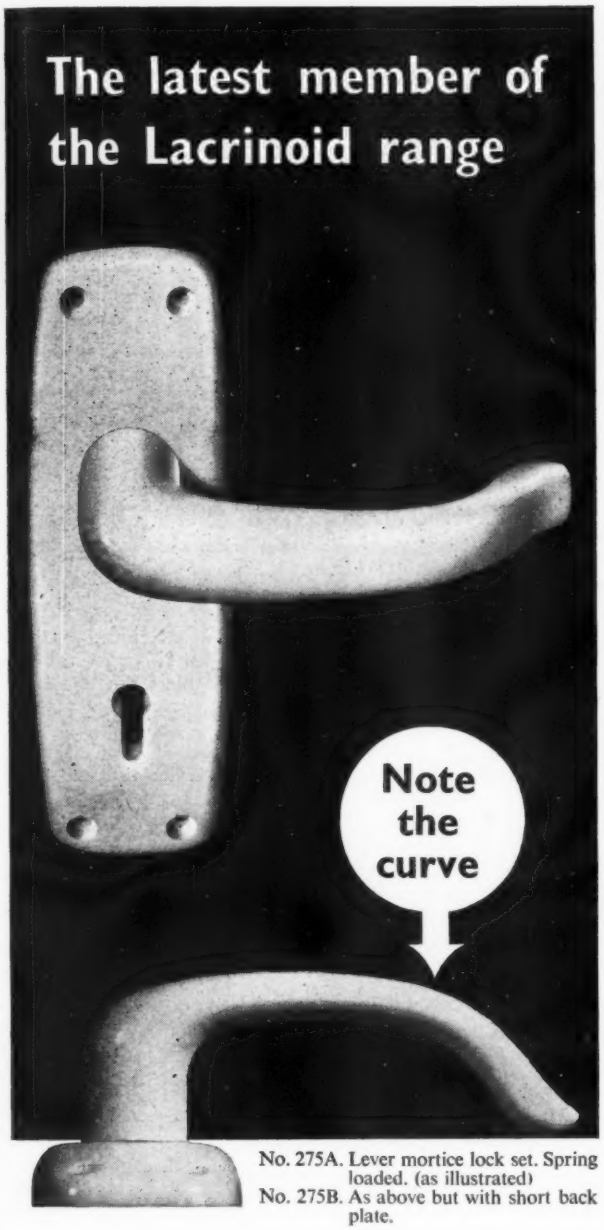
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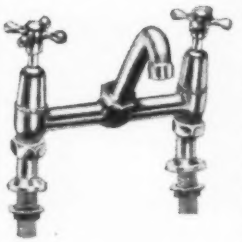
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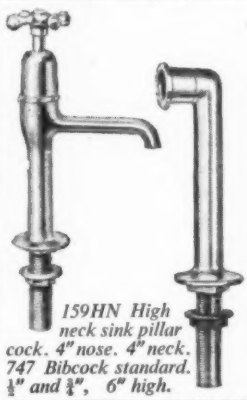
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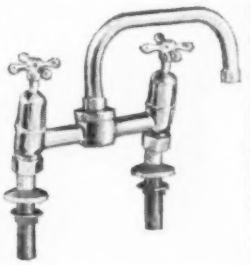
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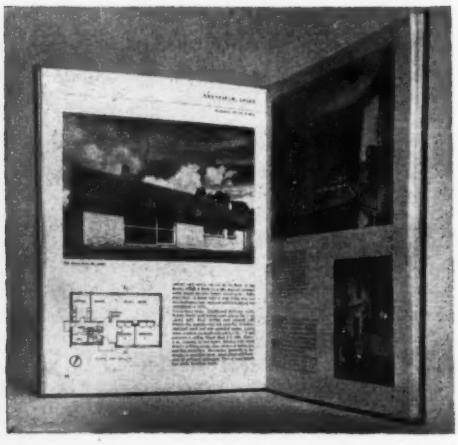
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CLASSIFIED ADVERTISEMENTS

Advertisements should be addressed to the Advt. Manager, "The Architects' Journal," 9, 11 and 13, Queen Anne's Gate, Westminster, S.W.1, and should reach there by first post on Friday morning for inclusion in the following Thursday's paper.

Replies to Box Numbers should be addressed care of "The Architects' Journal," at the address given above.

Public and Official Announcements

25s. per inch; each additional line, 2s.

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she or the employment is excepted from the provisions of the Notification of Vacancies Order, 1952.

CITY OF NOTTINGHAM.
ASSISTANT QUANTITY SURVEYOR, GRADE A.P.T. IV (£675—£825).

Applications are invited for the above position in the City Engineer's Department.

Applicants should be Associates of the Royal Institution of Chartered Surveyors or have extensive professional experience.

Commencing salary would depend on qualifications and experience. HOUSING ACCOMMODATION may be made available in suitable cases.

Application forms from R. M. Finch, O.B.E., M.I.C.E., City Engineer and Surveyor, Guildhall, Nottingham, returnable by 21st September, 1955. 2606

COUNTY BOROUGH OF SOUTH SHIELDS.
APPOINTMENT OF PROFESSIONAL STAFF.

The Council is proposing to carry out a Development Programme which envisages a variety of major works in both Building and Civil Engineering.

Additional staff is required in the Borough Engineer's Department and applications are invited from suitably qualified persons for the following appointments.

(*a*) TOWN PLANNING SECTION—
One Chief Assistant, £1,108—£1,228 per annum.
One Principal Assistant, £825—£1,000 per annum.

(*b*) ARCHITECTURAL SECTION—
Two Principal Assistants, £825—£1,000 per annum.

(*c*) ENGINEERING SECTION—
Two Principal Assistants, £825—£1,000 per annum.

(*d*) QUANTITY SURVEYING SECTION—
One Principal Assistant, £825—£1,000 per annum.

The appointments are permanent and the Conditions of Service are those as adopted by the National Joint Council for Local Authority Staffs.

Successful candidates will be required to pass a medical examination for superannuation purposes and housing accommodation will be made available if required.

Application forms obtainable from the Borough Engineer, Town Hall, South Shields, should be returned to him not later than 10 a.m. Monday, 19th September, 1955.

R. S. YOUNG,
Town Clerk.
2397

COUNTY BOROUGH OF MERTHYR TYDFIL.
BOROUGH ENGINEER, SURVEYOR AND TOWN PLANNING DEPARTMENT.

(*a*) PERMANENT ENGINEERING ASSISTANT, A.P.T. Grade IV—£675—£825.

(*b*) ARCHITECTURAL ASSISTANT, A.P.T. Grade IV—£675—£825.

(*c*) JUNIOR PLANNING ASSISTANT within A.P.T. Grade I—£500—£580.

Applications are invited for the above appointments. A house will be provided, if required, for appointments (*a*) and (*b*).

Applicants for appointment (*a*) must be Corporate Members of a Chartered Institution and should have had good all-round municipal engineering experience. Planning experience would be an advantage.

Applicants for appointment (*b*) should be Associate Members of the Royal Institute of British Architects, and must have had good all-round experience of architectural work usually undertaken by a local authority. Planning experience would be an advantage.

Applicants for appointment (*c*) should have had experience in a Planning Office, and preference will be given to those who have passed parts of the Intermediate Examination of the Town Planning Institute.

The appointments are subject to the provisions of the local Government Superannuation Acts, and to the passing of a medical examination. They are terminable by one month's notice on either side.

Applications stating age, past and present appointments, qualifications and experience, together with copies of three recent testimonials, should be delivered to the undersigned not later than Tuesday, the 20th September, 1955.

Canvassing in any form will disqualify.

T. S. EVANS,
Town Clerk.

Town Hall,
Merthyr Tydfil.
23rd August, 1955. 2545

BOROUGH OF NELSON.
ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of ARCHITECTURAL ASSISTANT in the office of the Borough Engineer, at a salary in accordance with A.P.T. Grade II of the National Scales of Salaries (£560—£640 per annum).

The applicants must be Students of the R.I.B.A., and should have experience in housing design, supervision, surveys, specifications and general work.

Applications, giving details of experience and qualifications, accompanied by the names and addresses of three referees, to be sent to the undersigned not later than Wednesday, the 14th September, 1955.

F. W. ROBERTS,
Town Clerk.

Town Hall,
Nelson.
23rd August, 1955. 2543

RICHMOND (SURREY) BOROUGH COUNCIL.

Applications are invited for the following appointments in the Borough Engineer's Department:—

(*a*) ASSISTANT ARCHITECT (Temporary) Special Scale, £650—£775.

(*b*) ARCHITECTURAL DRAUGHTSMAN (Temporary), A.P.T. Grade I, £500—£580.

London Weighting payable in addition to above grades.

The work will be on housing, including multi-storey flats and public buildings.

Applications naming two referees, to be delivered to the Borough Engineer and Surveyor, Hotham House, Heron Court, Richmond, Surrey, by 19th September, 1955.

Canvassing will disqualify. Relationship, if any, to Members of the Council or Senior Officers, must be stated. No assistance with housing. 2552

THURROCK U.D.C.

(ENGINEER & SURVEYOR'S DEPARTMENT) require QUANTITY SURVEYOR. Salary—A.P.T. IV of N.J.C. scales, *i.e.*, £675—£825 p.a. Appointment pensionable Applicants must be thoroughly experienced in taking off, abstracting and billing of quantities, measurement of work in progress and dealing with final accounts in connection with general building work.

Housing accommodation, if necessary, may be provided if successful candidate resides more than 20 miles from Thurrock.

Applications stating age, qualifications and experience, and quoting three references, to Clerk of the Council, Council Offices, Whitehall Lane, Grays, Essex, by 13th September, 1955. Canvassing disqualifies. Relationship with any member or senior officer of the Council must be disclosed. 2535

NEWCASTLE REGIONAL HOSPITAL BOARD
ARCHITECTURAL STAFF APPOINTMENTS
(Philip H. Knighton, M.B.E., A.R.I.B.A., Regional Architect)

In connection with a large new hospital project, the Board invites applications for the following permanent (superannuable) appointments on the Headquarter's Staff of the Regional Architect in Newcastle.

(*a*) ASSISTANT ARCHITECT, Grade £640 × £25(4) × £30 (4) × £35(2) to £930 per annum.

(*b*) ARCHITECTURAL ASSISTANT, Grade £480 × £20(7) × £25(2) to £670 per annum.

(*c*) ARCHITECTURAL DRAUGHTSMAN, Grade £390 × £20 (2) × £25 (6) to £580 per annum.

Commencing salary will depend upon the applicant's age and amount of practical experience.

Applications stating age, qualifications, past and present appointments, present salary and details of experience and training, together with the names of three referees (of whom at least two should be architects) should be forwarded to the Secretary, Newcastle Regional Hospital Board, Walker Gate Hospital, Benfield Road, Newcastle-upon-Tyne, 6, not later than 16th September, 1955. 2601

SALOP COUNTY ARCHITECT'S DEPARTMENT

Applications are invited from SENIOR ARCHITECTS who have experience and are interested in contemporary architecture, for which the Council's programme offers considerable scope in a great variety of buildings.

Salary £750 to £900 per annum for qualified applicants.

Monthly rail fare and subsistence allowance not exceeding 30s. a week for a period of six months will be paid to married architects temporarily separated from their families.

Forms of application can be obtained from the County Architect, Column House, London Road, Shrewsbury, to whom they must be returned not later than 24th September, 1955. 2599

NORTH THAMES GAS BOARD.

A DESIGNER is required for work in connection with the design of new showrooms, and the remodelling of existing showrooms, shopfitting, furniture, etc. Candidates should be capable of carrying out sketch designs, working and detail drawings, with the minimum of supervision.

Preference will be given to candidates who have completed part or whole of the qualifications for A.R.I.B.A.

The appointment will be permanent and pensionable, and the starting salary within the range £750—£810 per annum, according to age and experience.

Applications, stating age and giving full details of experience, should be sent to Staff Controller, North Thames Gas Board, 30, Kensington Church Street, W.8, quoting reference 666/283. 2614

BOROUGH OF HESTON AND ISLEWORTH.

Applications are invited for the under-mentioned appointments in the Borough Engineer and Surveyor's Department:—

(*a*) SENIOR ARCHITECTURAL ASSISTANT. Salary in accordance with A.P.T., Grade IV (£675×£30—£825), plus London "weighting." Other things being equal, preference will be given to applicants who have passed the examination for Associate R.I.B.A. or hold a University degree or diploma in architecture accepted by that Institute.

The person appointed must have had good experience in architectural design and building work under construction. Duties will include the preparation of sketch designs and working drawings, and the handling of building contracts under construction. Experience in alterations and additions to school buildings, etc., will be considered an advantage.

(*b*) SENIOR TOWN PLANNING ASSISTANT. Salary in accordance with A.P.T., Grade IV (£675×£30—£825), plus London "weighting." Applicants must have obtained the qualifying examination of the Town Planning Institute or an equivalent diploma in town planning recognised by that body. It will be an advantage if applicants hold additional examination qualifications of another professional institute of standing. Applicants must have had considerable experience in the Town and Country Planning Department of a local authority, and experience in the control of staff will be deemed an advantage.

The Council is unable to assist the successful candidates with housing accommodation.

Applications are to be submitted by 3rd October, 1955, on forms to be obtained from and returned to the Borough Engineer and Surveyor, 88, Lampton Road, Hounslow.

D. MATHIESON,
Town Clerk.

Town Hall, Hounslow. 2657

CARLTON URBAN DISTRICT COUNCIL.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment. Salary in accordance with Special Grade (£650×£25—£775).

Qualifications: Final Examination R.I.B.A. or Registered Architect.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, National Scheme of Conditions of Service, and to satisfactory passing of a medical examination.

Applications, stating age, qualifications, and details of experience, together with names of three referees, to be forwarded to the Engineer and Surveyor by first post on Monday, 19th September, 1955.

Housing accommodation will be made available and removal expenses will be paid by the Council.

A. E. F. WALKER,
Clerk of the Council.

Council House, Burton Road, Carlton,
Nottingham.
26th August, 1955. 2663

BOROUGH OF DAGENHAM.
APPOINTMENT OF TECHNICAL ASSISTANT—GRADE II.

Applications are invited for the appointment of Technical Assistant, Grade A.P.T., II. Salary £560×£20 to £640 per annum, plus London weighting (*i.e.*, £30 per annum at age 26 years and over).

Preference will be given to applicants holding the Intermediate Examination of the R.I.B.A. or the R.I.C.S. Experience in housing or educational work an advantage.

Form of application, together with further details of the post, obtainable from the Borough Engineer and Surveyor. Closing date: 23rd September, 1955.

KEITH LAUDER,
Town Clerk.

Civic Centre, Dagenham. 2671

BRACKNELL DEVELOPMENT CORPORATION.

Applications are invited for the following posts:—

JUNIOR ARCHITECTURAL ASSISTANT, within Grade VIIIb (£330—£530 per annum).

JUNIOR ARCHITECTURAL DRAUGHTSMAN, within Grade IXA. (£170—£470 per annum).

In both cases commencing salary to be according to age and experience. Superannuation schemes. Medical examination. Housing available in due course. Apply by 28th September, 1955, giving age, education and qualifications; experience and appointments held (with dates and salaries), and two referees, to General Manager (J.A.A.), Bracknell Development Corporation, Farley Hall, Bracknell, Berks. 2660

POPLAR BOROUGH COUNCIL invite applications for following temporary posts; (*a*) TWO ASSISTANT ARCHITECTS—£800 × £50 to £850. (*b*) ARCHITECTURAL ASSISTANTS—£700 × £50 to £750.

Applicants for post (*a*) should have passed Final R.I.B.A. and post (*b*) Intermediate. Duration of appointment at least 3—4 years in each case. Forms obtainable from Borough Engineer and Surveyor, Poplar Town Hall, Bow Road, E.3. Closing date—19th September, 1955. 2502

POPLAR BOROUGH COUNCIL invite applications from suitably qualified persons for permanent post of ARCHITECTURAL ASSISTANT, A.P.T. III (£600—£725, plus London "weighting"). Forms obtainable from Borough Engineer and Surveyor, Poplar Town Hall, Bow Road, E.3. Closing date—19th September, 1955. 2537

NORTH-WEST METROPOLITAN REGIONAL HOSPITAL BOARD.

The Board is engaged in a large-scale programme of re-building, including a new general hospital at Welwyn, and following staff are required for Regional Architect's Department:—

ASSISTANT ARCHITECTS. Applicants must be Associate Members of the R.I.B.A. and be experienced in design and construction, preferably in hospitals and associated buildings. Salary scales £640×£25 (4)×£30 (4)×£35 (2)—£930, plus London weighting £20—£40. Commencing salary above minimum may be paid subject to certain conditions.

ARCHITECTURAL ASSISTANT. Applicants must have passed Intermediate Examination of R.I.B.A. Persons appointed will give technical assistance to professional officers. Salary scale £480×20 (7)×£25 (2)—£670, plus £20—£30 London weighting. Commencing salary up to £560, plus weighting, may be paid subject to certain conditions.

Apply, stating which post, and giving age, qualifications (with dates) and experience, with names of two referees, to Secretary, North-West Metropolitan Regional Hospital Board, 11a, Portland Place, W.1, by 21st September. 2679

CITY OF MANCHESTER.
CITY ARCHITECT'S OFFICE.

Applications are invited for the undermentioned appointments:—

PERMANENT STAFF.

(*a*) SENIOR ASSISTANT ARCHITECT. Salary Grade A.P.T., IV (£675—£825 per annum). Applicants must be A.R.I.B.A., with some years' office experience.

(*b*) ARCHITECTURAL ASSISTANT. Salary Basic Grade (£650—£775 per annum). Applicants must have passed Parts 1 and 2 of the R.I.B.A. Final Examination or its equivalent, and have had at least five years' experience, including the period spent in theoretical training.

(*c*) ARCHITECTURAL ASSISTANT. Salary Grade A.P.T., II (£560—£640 per annum). Applicants must have passed the Intermediate Examination of the R.I.B.A. or its equivalent.

TEMPORARY STAFF.

(*d*) SENIOR ASSISTANT ARCHITECT. Salary Grade A.P.T., IV (£675—£825 per annum). Applicants must be A.R.I.B.A., with some years' office experience.

Further particulars and forms of application may be obtained from the City Architect, Box No. 488, Town Hall, Manchester, 2. The completed form to be returned to the same address by 20th September, 1955.

Canvassing is prohibited. 2680

ST. MARYLEBONE BOROUGH COUNCIL.

Applications are invited for the following appointments in the Housing Department:—

ARCHITECTURAL ASSISTANT, Grade Special Scale (£650—£775, plus London weighting). Candidates must have passed Final Examination, R.I.B.A., and have good experience in design of flats and supervision of contracts.

JUNIOR ARCHITECTURAL ASSISTANT, Grade A.P.T., I (£500—£580), or A.P.T., II (£560—£640), plus London weighting (according to experience) for candidates holding R.I.B.A. Intermediate Examination, progressing to Special Scale (£650—£775), plus London weighting, for R.I.B.A. finalists. Learners or R.I.B.A. probationers also considered at salary according to age in Higher General Division.

Permanent appointments subject to medical examination and superannuation scheme.

Applications, stating age, qualifications, experience and positions held, with the names of three referees, to Establishment Officer, Town Hall, St. Marylebone, W.1, within 14 days of publication. 2628

BOROUGH OF MAIDSTONE.
APPOINTMENT OF GENERAL ARCHITECTURAL DRAUGHTSMAN IN BOROUGH SURVEYOR'S DEPARTMENT.

Applications are invited for the above appointment at a salary in accordance with Grade I (£500—£580).

Candidates must have a sound knowledge of building construction, and preference will be given to those who have passed parts or the whole of the Intermediate Examination of the Royal Institute of British Architects or other approved Institution, and who have had general experience in connection with housing estate development.

The appointment will be subject to the National Scheme of Conditions of Service, the Local Government Superannuation Act, 1953, the passing of a medical examination, and one month's notice on either side. Canvassing will disqualify. Where circumstances warrant, the Council will be prepared to give consideration to the provision of housing accommodation.

Applications, on forms to be supplied, must reach the undersigned not later than the 16th September, 1955.

S. F. DIXON,
Borough Surveyor.

Borough Surveyor's Department,
Palace Avenue, Maidstone.
2nd September, 1955. 2634

DURHAM COUNTY COUNCIL—STAFF VACANCIES.

QUALIFIED ARCHITECTURAL ASSISTANTS. Salary £675×£30—£825 p.a. Forms and particulars from County Architect, South Street, Durham. Closing date: 17th September, 1955.

J. K. HOPE,
Clerk of the County Council.
2659

GOLD COAST LOCAL CIVIL SERVICE.
ARCHITECT—PUBLIC WORKS DEPARTMENT.

A vacancy for an Architect exists in the Local Civil Service of the Gold Coast. Appointment is on contract for two tours of 18—24 months each, in the salary scale £1,130 to £2,020 per annum, point of entry determined by experience. A gratuity of £37 10s. for each completed period of three months' satisfactory service is also payable.

Free first-class passages are provided for the officer, his wife and children, up to three in number under the age of 13. Government quarters, if available, are provided at a rental of £60 to £90 per annum. Leave is granted at the rate of seven days for each month of resident service.

Duties include the design of new Government Buildings and the supervision of construction, preparation of working drawings and specifications. Candidates must be A.R.I.B.A. Previous experience of Government or Local Authority work desirable.

Apply in writing to the Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, stating briefly age, qualifications and experience, and quoting reference number BCD 112/13/015. 2700

LANCASHIRE COUNTY COUNCIL.

Applications are invited for the following appointments on the permanent staff of the County Architect's Department:—

(*a*) ASSISTANT ARCHITECT, A.P.T., Grade IV (£675—£825), for a programme of Special Schools, Clinics, Occupation Centres and Smallholdings.

(*b*) MEASURING SURVEYORS, A.P.T., Grade III (£600—£725). Successful candidates will be engaged in the measuring of variations and site work for major projects, and the settlement of Contractors' accounts. Applicants should have had experience of similar work in Surveyors' or Building Contractors' offices.

Application forms from the County Architect, P.O. Box 26, County Hall, Preston, to be returned by Monday, 26th September, 1955, quoting Ref. A/AJ. 2626

BOROUGH OF SOUTHGATE.
BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.
ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of ONE ARCHITECTURAL ASSISTANT in the Department of the Borough Engineer and Surveyor. The post is permanent and superannuated and is Graded A.P.T., III (£600×£25—£725 p.a.), plus "London weighting." The starting salary will be fixed in accordance with qualifications and experience.

Forms of application may be obtained from the Borough Engineer and Surveyor, and should be returned to the undersigned by not later than 9 a.m. on Monday, 26th September, 1955.

Canvassing, directly or indirectly, will be a disqualification.

GORDON H. TAYLOR,
Town Clerk.

Town Hall, Palmers Green, London, N.13.
August, 1955. 2624

FEDERATION OF RHODESIA AND NYASALAND.
VACANCIES: ARCHITECTURAL DRAUGHTSMEN.
PUBLIC WORKS DEPARTMENT: MINISTRY OF COMMERCE AND INDUSTRY.

Applications invited from Architectural Draughtsmen, with not less than 7 years' experience in an Architectural Drawing Office.

Commencing salary £1,000 per annum, rising by annual increments to £1,100. Promotion beyond this point is possible.

Appointment either to permanent staff or on 3-year contract.

Application Forms and further particulars from Secretary, Rhodesia House, 429, Strand, London, W.C.2. Closing date: 16th September. 2622

BOROUGH OF WILLESDEN.
APPOINTMENT OF CHIEF ARCHITECTURAL ASSISTANT.

GRADE A.P.T., VII (£900—£1,100 p.a.), plus London weighting.

Applicants for the above post must be Associates of the R.I.B.A. and have had considerable Municipal experience in architecture and administration.

The person appointed will be responsible under the Chief Architect for the control of staff and the supervision of all design and works carried out by the Architect's section of the Department.

The Council are unable to assist with housing accommodation.

Forms of application and conditions of appointment may be obtained from the Borough Engineer and Surveyor, Town Hall, Dyne Road, Kilburn, N.W.6.

Applications are to be returned to the undersigned not later than 10 a.m. on Monday, 26th September, 1955.

R. S. FORSTER,
Town Clerk.

Town Hall, Dyne Road, Kilburn, N.W.6.
29th August, 1955. 2652

Applications are invited for the appointment of ARCHITECTURAL ASSISTANTS of Intermediate standard for interesting and varied work in pleasant office. Generous leave. Salary £450. Apply for further particulars, stating age, experience, and training, to the Surveyor to the University, 5 South Parks Road, Oxford. 2598

BOROUGH OF WILLESDEN.
ARCHITECTURAL ASSISTANTS.

Applications are invited for the following appointments:—

(*a*) ARCHITECTURAL ASSISTANT, Grade A.P.T., VI (£825×£35—£1,000 p.a.).

(*b*) ARCHITECTURAL ASSISTANTS (3 posts), Grade A.P.T., V (£750×£30—£900 p.a.).

(*c*) ARCHITECTURAL ASSISTANTS, Grades A.P.T., III/IV (£600×£25/£30—£825 p.a.).

London weighting, maximum £30 per annum, is payable in addition to the above salaries.

Commencing salary will be fixed in accordance with qualifications and experience.

Applicants for (*a*) and (*b*) must be Associate of the R.I.B.A. and experience of redevelopment schemes and high density; housing development will be an advantage.

Applicants for (*c*) must be students of the R.I.B.A.

The Council are unable to assist with housing accommodation.

Form of application and conditions of appointment may be obtained from the Borough Engineer and Surveyor, Town Hall, Dyne Road, Kilburn, N.W.6.

Applications are to be returned to the undersigned not later than 9 a.m. Monday, 3rd October, 1955.

R. S. FORSTER,
Town Clerk.

Town Hall, Dyne Road, Kilburn, N.W.6.
29th August, 1955. 2653

DURHAM RURAL DISTRICT COUNCIL.
ARCHITECT'S DEPARTMENT.

Applications are invited for the appointment of Assistant Architect, at a salary in accordance with A.P.T., Grade III (£600—£725 per annum), or Grade IV (£675—£825 per annum), according to qualifications and experience.

The appointment will be subject to the scheme of conditions of service and the provisions of the Local Government Superannuation Acts.

Housing accommodation will be provided if required, and a car allowance paid for a 10 h.p. car on the N.J.C. Scale.

Application forms may be obtained from the undersigned, to whom they should be returned not later than Saturday, 24th September, 1955.

ROSAMOND TAYLOR,
Clerk.

Byland Lodge, Hawthorn Terrace, Durham. 2651

HERTS. COUNTY PLANNING DEPARTMENT.
DESIGN AND NEW TOWNS SECTION.

(*a*) PLANNING ARCHITECTS (two posts) (Special/V, £650—£900).

Experience in architectural design, and preferably with some Planning training. Successful applicants will be required to prepare, under supervision, schemes and designs in relation to planning applications. Corporate Membership of R.I.B.A. and preferably T.P.I. Permanent posts with car allowances.

(*b*) ARCHITECTURAL DRAUGHTSMAN (one post) (A.P.T., I/II, £500—£640).

Should have had at least five years' experience as a Planning or Architectural draughtsman, or experience in similar work. Skilled in colouring and freehand lettering. Will work under Senior Art Draughtsman. Permanent post.

Forms of application from: The County Planning Officer, County Hall, Hertford.

Closing date for applications: 24th September, 1955. 2638

BOROUGH OF BRENTFORD AND CHISWICK.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment in the Borough Engineer and Surveyor's Department at a salary in accordance with Grade A.P.T., IV (£675—£825 per annum), plus London weighting.

Applications, stating age, qualifications and experience, together with the names and addresses of three referees, should be forwarded to the Borough Engineer and Surveyor, Town Hall, Chiswick, W.4, not later than Wednesday, 21st September, 1955.

W. F. J. CHURCH,
Town Clerk.

Town Hall, Chiswick, W.4.
29th August, 1955. 2639

KENT COUNTY COUNCIL requires a **SENIOR PLANNING ASSISTANT** in the Planning Department at a salary within the grade £600—£825 per annum.

Candidates must possess an appropriate degree or diploma or have passed a recognised professional examination. The nature of the duties will depend upon the qualifications and experience of the successful candidate, but a qualification in landscape architecture would be an advantage. National Scheme of Conditions of Service applies, and registered disabled persons will be considered.

Applications, together with the names of two referees, must reach the County Planning Officer, County Hall, Maidstone, not later than the 30th September, 1955. 2701

LANCASHIRE COUNTY COUNCIL.

ARTIST/DRAUGHTSMAN required at Preston. Salary A.P.T., Grade I (£500—£580), or Grade II (£560—£640), according to ability and experience. Duties include making models of housing layouts, shopping centres, and landscaping schemes, and the preparation of architectural perspectives. Applications, giving age, experience, present salary, and two referees, to the County Planning Officer, East Cliff County Offices, Preston, by 19th September, 1955. 2617

DURSLEY RURAL DISTRICT COUNCIL.
JUNIOR ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment, in the Department of the Engineer and Surveyor, at a salary in accordance with A.P.T., Grade I, of the National Scales (£500—£580).

Candidates must be competent draughtsmen, experienced in the preparation of detailed house plans and working drawings for housing schemes. The work attached to the post is on the housing side of the Department, and will afford an opportunity of gaining experience of varied and interesting programmes.

Applications, stating age, experience, and any qualifications, and giving the names of two persons to whom reference may be made, must reach the undersigned not later than first post on Monday, 19th September, 1955.

H. A. PATE,
Clerk of the Council.

Council Offices, Kingshill, Dursley, Glos.
1st September, 1955. 2703

BOROUGH OF LEYTON
(In the County of Essex).
LEYTON COMMITTEE FOR EDUCATION.
APPOINTMENT OF ARCHITECTURAL ASSISTANTS.

Applications are invited for the following permanent appointments at salaries in accordance with the National Scales indicated:—

(*a*) ARCHITECTURAL ASSISTANT, A.P.T., Grade III (£630—£755 per annum).

(*b*) JUNIOR ARCHITECTURAL ASSISTANT, A.P.T., Grade I (£530—£610 per annum).

The above salaries are inclusive of London weighting (£30), which is reduced according to scale where age is less than 26. The successful applicants will be employed by the Essex County Council, and will work in the School Architect's Section of the Borough Engineer and Surveyor's Department, Town Hall, Leyton, London, E.10.

Alternate Saturday mornings free of duty and canteen facilities available.

Details and forms of application from the Borough Education Officer, Kirkdale Road, Leytonstone, London, E.11, to whom they should be returned by Friday, 30th September, 1955.

D. J. OSBORNE,
Town Clerk.

Town Hall, Leyton, E.10. 2691

HEREFORDSHIRE COUNTY COUNCIL.

Applications are invited for the following posts:—

(*a*) ONE ASSISTANT ARCHITECT, Grade VII (within salary range £900 to £1,100), A.R.I.B.A., to take charge of section.

(*b*) TWO SENIOR ASSISTANT ARCHITECTS, Grade VI (within salary range £825 to £1,000), A.R.I.B.A.

Superannuated posts, subject to passing medical examination, and one month's notice on either side.

Travel and subsistence allowance for limited period payable to married men in certain cases.

Application forms from County Architect, Bath Street, Hereford, to be submitted by 19th September, 1955. 2693

COUNTY BOROUGH OF GREAT YARMOUTH.
SCHOOLS ARCHITECT'S DEPARTMENT.

Applications are invited from Associate Members of the R.I.B.A. to fill the vacancy for a SENIOR ASSISTANT ARCHITECT, within A.P.T., Grade V (£750—£900).

Candidates should have a knowledge of modern school design and construction.

HOUSING ACCOMMODATION will be made available if required.

Applications, stating age, qualifications, experience, and giving details of present and past appointments, together with the names of two referees, should reach the Schools Architect, 22, Euston Road, Great Yarmouth, by 19th September, 1955.

D. G. FARROW,
Chief Education Officer.

22, Euston Road, Great Yarmouth. 2689

SURREY COUNTY COUNCIL.

Applications invited for following appointments:—

(1) ASSISTANT ARCHITECT, Grade V (£750 × £30—£900 p.a., plus London allowance). Should be Associate Member R.I.B.A.

(2) ARCHITECTURAL ASSISTANT, Grade II (£560 × £20—£640 p.a., plus L.A.). Must be of good general training, and preference given those who have passed Inter. R.I.B.A.

(3) ARCHITECTURAL ASSISTANT, Grade I (£500 × £20—£580 p.a., plus L.A.).

(4) ASSISTANT QUANTITY SURVEYOR, Grade IV (£675 × £30—£825 p.a., plus L.A.). Should be Associate Member R.I.C.S.

Full details and present salary, accompanied by copies of three recent testimonials, to County Architect, County Hall, Kingston, as soon as possible. 2670

CORPORATION OF LONDON require for City Planning Office (Civic Design Section) PLANNING ASSISTANTS. (*a*) £599 17s. to £728 9s.; (*b*) £194 3s. (at age 16) to £528 17s. (at age 30). Duties include general draughting work, assistance in preparing three-dimensional layouts and small-scale modelling. Local Authority experience not necessary; preference given to those with sensitive and contemporary approach to design. Applications with experience, age, present salary and references, to City Planning Officer, 55/61, Moorgate, London, E.C.2, within 14 days. 2649

COUNTY BOROUGH OF BOLTON.
ASSISTANT ARCHITECT.

Applications are invited for the permanent appointment of an ASSISTANT ARCHITECT for varied work in the Borough Architect's Department, at a salary in accordance with A.P.T., Grades III/IV (£600—£825). Commencing salary will be according to qualifications and experience.

The appointment is superannuable and subject to the passing of a medical examination.

Applications, stating age, qualifications, experience, and the names of two persons to whom reference may be made, should be received by me not later than 20th September, 1955.

PHILIP S. RENNISON, *Town Clerk.*

Town Hall, Bolton. 2687

NORTHAMPTON BOROUGH ARCHITECT'S DEPARTMENT.

TWO ARCHITECTURAL ASSISTANTS, A.P.T., II (£560—£640).

JUNIOR ARCHITECTURAL ASSISTANT, A.P.T., I (£500—£580).

Particulars of appointments and Forms of Application, to be returned by 19th September, may be obtained from Borough Architect, Guildhall, Northampton.

C. E. VIVIAN ROWE, *Town Clerk.* 2686

COUNTY BOROUGH OF HASTINGS.
ARCHITECTURAL ASSISTANT,
A.P.T., III (Special), A.P.T., IV.

Applications are invited for the above appointment, in Grade A.P.T., III, Special, or A.P.T., IV, according to qualifications and experience.

The appointment will be subject to the National Scheme of Conditions of Service, the passing of a medical examination, and to one month's notice in writing on either side.

The provision of housing accommodation will be considered if required.

Applications, stating age, qualifications, present and previous appointments and salary, accompanied by copies of not more than three testimonials, should be forwarded to the Borough Engineer, 37, Wellington Square, Hastings, not later than 26th September, 1955.

Canvassing will be a disqualification.

N. P. LESTER,
Town Clerk. 2684

COUNTY COUNCIL OF ESSEX.
COUNTY PLANNING DEPARTMENT.

Applications invited for post of DRAUGHTSMAN, Misc. Grades II-IV (£375-£545), at Broomfield. Applicants must be 21 or over, and should be neat and expeditious draughtsmen, able to produce, under supervision, all types of planning maps. Post superannuable. Medical examination. Applications in own handwriting, to County Planning Adviser, Broomfield Place, Broomfield, Chelmsford, as soon as possible. Canvassing forbidden. 2648

Architectural Appointments Vacant

4 lines or under, 7s. 6d.; each additional line, 2s.

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she or the employment is excepted from the provisions of the Notification of Vacancies Order, 1952.

ASSISTANT required in busy practice in West End, in early twenties, about Intermediate R.I.B.A. standard. Excellent opportunities for gaining all round experience. Box 1942.

RAMSEY, MURRAY & WHITE have a vacancy for ARCHITECTURAL ASSISTANT, about Intermediate standard, preferably with office experience. Salary according to qualifications. Apply 32, Wigmore Street, London, W.1, or telephone WELbeck 1409. 9823

WESTWOOD, SONS & HARRISON, F./F.R.I.B.A., urgently require a SENIOR ARCHITECTURAL ASSISTANT, A.R.I.B.A. standard, with office experience; also JUNIOR ASSISTANT. Apply in writing, giving qualifications, to 46, Baker Street, W.1. 1958

ARCHITECTURAL ASSISTANT required by Major Oil Company undergoing expansion, for its Sheffield office. Applicants should be of Intermediate standard, and must be capable of carrying out work on the design and re-modelling of service stations. Social Club, Pension and Life Assurance scheme, generous sickness benefits. Write, giving full details of experience, age and salary required, to Box 9262, quoting Ref. A.A. 588.

RONALD WARD & PARTNERS require several capable ARCHITECTURAL ASSISTANTS, with contemporary outlook and willing to use own initiative. Salary range £400 to £800. Interesting and varied work, home and abroad. Congenial working conditions. Apply 29, Chesham Place, Belgrave Square, S.W.1. Telephone: Belgravia 3361. 2135

ARCHITECTURAL ASSISTANTS (2) required in City Office with a wide and comprehensive range of commissions. Salary range £559—£832. Seely & Paget, Central 0321. 2256

ARCHITECTURAL ASSISTANTS interested in the field of Building for Atomic Energy could be employed by private consultants in London and should apply to Box 235, Glovers Advertising, 351, Oxford Street, London, W.1. 2453

ARCHITECTURAL ASSISTANTS required, Intermediate standard. Excellent scope for use of own initiative, and varied experience in practice including hospital, ecclesiastical, industrial, domestic and general work. Good draughtsmanship essential. Apply, giving full details, including salary required, to: H. Anthony Clark, F. C. Roberts & Partners, Chartered Architects, 41, Regent Street, Wrexham. 2415

EDINBURGH Office of David Carr & Stuart Matthew requires SENIOR and JUNIOR ASSISTANTS. Seniors must have considerable experience in running contracts, general design, planning and construction. Juniors should have good practical office experience and/or school qualifications. For interview write, giving brief particulars and salary required, to above firm at 14, Lynedoch Place, Edinburgh. 2396

ARCHITECTURAL ASSISTANTS required preferably qualified or now preparing for Final R.I.B.A. for interested and varied large scale contracts in the Bristol area. Pension scheme in operation. Full details of age, experience, salary required, and date available to W. H. Watkins, Gray, FF.R.I.B.A. and Partners, Sun Buildings, 1 Clare Street, Bristol, 1. 2374

ARCHITECT requires CHIEF and SENIOR ASSISTANTS. Interesting work on flats, shops, schools, etc. Apply Roff Marsh, F.R.I.B.A., M.T.P.I., 125, London Road, Chelmsford. 2358

COMPETENT ASSISTANTS, Intermediate to Final standard, required by busy Architects. Salaries on A.P.T. grades basis. Applications, with particulars, to Herbert, Son & Sawday, F. & A./A.R.I.B.A., 18, Friar Lane, Leicester. 2603

ARCHITECTURAL ASSISTANT. Partnership prospects, required at once in small Central London office for works of varied character. Practical experience desired; Final standard or near. 'Phone Chancery 5211 or write Box 2594.

CECIL Howitt & Partners, Architects, St. Andrew's House, Mansfield Road, Nottingham, require JUNIOR ARCHITECTURAL ASSISTANTS, preferably Inter. R.I.B.A. standard. Please apply in writing, giving full details and stating salary required. 4706

SENIOR ASSISTANT required in Architect's Department of large London Industrial concern. Knowledge of London Building Acts and By-Laws an advantage. Good prospects; Pension scheme. State age, experience and salary required. Reply Box No. 2699.

ARCHITECTURAL ASSISTANTS required, all grades, for contemporary office. Salary according to experience. C. H. Elsom, F.R.I.B.A., 44, Catherine Place, S.W.1. Victoria 4304. 2695

SENIOR ARCHITECTURAL ASSISTANT required in busy West End practice. Commencing salary up to £900 p.a. according to experience. Please telephone REGent 2055 for appointment. Box 2696.

CHIEF ASSISTANT required by private firm of Architects in Westminster. Varied practice Experience and good references essential. Salary £1,000. Apply Box 2433.

JUNIOR ARCHITECTURAL ASSISTANT required (male or female) in Architectural Dept. of old-established firm of Chartered Surveyors. Reply, stating full particulars of experience and salary required, to G. Scott Baird, L.R.I.B.A., 20, Salisbury Street, Blandford Forum. 2596

BANK Architect's Department in City requires JUNIOR ASSISTANT, age about 20-25, having completed or obtained exemption from National Service. Write, stating age, particulars of experience, and salary required. Permanency for suitable applicant subject to probationary period. Box 2538.

JUNIOR ASSISTANT, competent to make measured surveys and prepare working drawings, required by Wallis & Smith, Chartered Architects, Basingstoke. Apply by letter, stating salary required. 2533

GEORGE WIMPEY & CO., LTD.

THE Architects' Department seek ARCHITECTURAL STAFF enthusiastic to apply their knowledge to new construction techniques covering Houses, Multi-Storey Flats, Offices, Schools and Industrial Buildings for contracts in the U.K. and Overseas.

Appointments range from ARCHITECTS to DRAUGHTSMEN, with special interest to those of ability, recognising the value of the designer and technician as an integral part of the production team.

Appointments are on a permanent basis, 5 days a week, at Head Office, Hammersmith.

Salaries will be according to qualifications and experience, and, subject to satisfactory service, there is a Pension Scheme for those wishing to make a career with the firm.

Applicants should write, giving brief particulars, to E. V. Collins, A.R.I.B.A., Chief Architect, George Wimpey & Co., Ltd., 27, Hammersmith Grove, London, W.6. 2531

ARCHITECTURAL ASSISTANTS required by Richard Costain Limited for their London Headquarters. Applications are invited from Architects with Final R.I.B.A. Commencing salary £700—£800 per annum and from young Architects with Intermediate R.I.B.A. Commencing salary in the region of £600 per annum. Apply to The Chief Personnel Officer, Richard Costain Limited, 111, Westminster Bridge Road, London, S.E.1. 2667

ASSISTANT, with ability and experience, wanted at once. Varied work, schools, housing, etc. Apply, stating age, experience, and salary required, to Quick & Lee, Chartered Architects, 11, Waterloo Place, Leamington Spa, Warwickshire. 2532

BENNETT, T. P., & SON, require qualified ARCHITECT, who combines a knowledge of construction with a high standard of draughtsmanship, to co-operate on industrial developments and other building projects. Apply 43, Bloomsbury Square, London, W.C.1. Telephone: HOLborn 9277. 2551

ARCHITECTURAL ASSISTANT (Senior or Inter. standard) required by Multiple Company in London. Full experience of surveys, working drawings, detailing and supervision of jobs. 5-day week, canteen facilities. Permanent and pensionable post. Apply in writing, stating age, qualifications, salary required, and experience, to Box 2518.

JUNIOR ARCHITECTURAL ASSISTANT, Intermediate grade, required Bournemouth office. Write, stating experience and salary required. Box 2517.

ARCHITECTURAL ASSISTANTS, Senior and Junior required, preferably with London practice experience, office and factory buildings. Write, giving particulars of experience, etc., to Messrs. Bates & Sinning, 89, Chancery Lane, W.C.2. 2508

APPLICATIONS are invited from suitably qualified and experienced persons for the posts of SENIOR and JUNIOR ARCHITECTURAL ASSISTANTS in the London office of this Organisation. Applicants must be first-class draughtsmen, possessing a sound knowledge of construction, materials, and contemporary design. Duties will be concerned with large scale housing and multi-storey flat design and layout, industrial educational and civic buildings. Salary in accordance with experience and ability. Requests for form of application to Kendrick Findlay & Partners, Chartered Architects, 35, Tavistock Square, W.C.1. 2556

ARCHITECT'S ASSISTANTS required in Brewery Estates Department. Minimum Inter. R.I.B.A. standard. Assistance with housing considered, if necessary. Apply, giving full particulars of age, qualifications, experience, and salary required, to Duncan Gilmour & Co., Ltd., 10, Nursery Street, Sheffield, 3. 2521

ONE ARCHITECTURAL ASSISTANT required, of Intermediate R.I.B.A. standard, for work on contemporary Industrial Buildings. Good salary and plenty of opportunity for initiative. London office. Write, giving details of salary, experience, to Howard, Souster & Fairbairn, 81, Piccadilly, W.1. 2507

ARCHITECTURAL ASSISTANT for office in the City of London. R.I.B.A., Inter. to Final standard. Salary £850—£1,000, according to qualifications and experience. Please write to W. H. Rogers, 16, Mark Lane, E.C.3. 2505

JUNIOR DRAUGHTSMAN and TRAINEE required by City firm. Must have had previous architectural drawing office experience or be attending recognised Course. Age 17/22 years. Salary £300—£400 p.a. Five-day week. Box 2504.

JUNIOR ASSISTANT required by Macintosh & Partners, Chartered Architects, 33 High Street, Croydon. Applicants should be neat draughtsmen and accurate in survey work. 2339

JUNIOR ARCHITECTURAL DRAUGHTSMAN required in City office. At least two years' drawing office experience essential. Interesting work on Office and Commercial buildings, giving scope for early advancement. Salary £500 p.a. Box 2503.

ARCHITECTURAL ASSISTANTS urgently required. Salary range £500—£850, for work on industrial projects in new town in Hertfordshire, on main line from London. Congenial office atmosphere, work of contemporary character. Good prospects for successful applicants. Assistance will be given in obtaining accommodation. Box 2705.

VACANCIES occur in busy London Architect's practice for JUNIOR ASSISTANTS. Salaries varying from £400 to £700, according to experience and capabilities. Reply with full particulars to Box 2498.

ARCHITECTURAL DRAUGHTSMEN.—BX Plastics, Ltd., Brantham Works, near Manningtree, Essex, require DRAUGHTSMEN for work in connection with industrial and administrative buildings. Applicants, aged 20 to 30, must be well versed in the preparation of schemes and detailed working drawings, possess a sound knowledge of building construction, surveying, and estimating for building work. Pension scheme in operation. Good canteen facilities. Reply, stating age, experience, and past and present appointments. The question of salary will be discussed with those called for interview. 2497

SCHERRER AND HICKS, 19, Cavendish Square, W.1, require THREE ARCHITECTURAL ASSISTANTS with previous office experience. Five-day week. Please state salary required. 2292

EXPERIENCED ASSISTANT ARCHITECT, good draughtsman, required. Competent to carry out £250,0.0 job on own initiative.—Box 2672.

ARCHITECTURAL ASSISTANT required by city office Final or Intermediate standard with office experience. Write full details, Box 2692.

REQUIRED in small office Westminster, ARCHITECT'S ASSISTANT with Inter. R.I.B.A. Able to do working drawings to all scales. Salary by arrangement. Box 2683.

EXPERIENCED ASSISTANT required immediately. Good salary, prospects and working conditions. Small office, general practice. Please apply to Herbert J. Stribling, F.R.I.B.A., Nascott, Bath Road, Slough. Telephone Slough 22071. 2688

£800 p.a. approximately for competent qualified ASSISTANT with good office experience for work of a contemporary nature in small office. Five-day week. Box 2650.

FAIRLY SENIOR ARCHITECTURAL ASSISTANT required in small Office in St. Albans. Must be able to produce good design and working drawings and be able to carry small and medium sized jobs through to conclusion under own initiative. Must be able to produce clear and concise specifications. Salary by arrangement. Apply: Taylor, Son & Bracken, 20, London Road, St. Albans. 2647

CONTEMPORARY London practice requires JUNIOR ARCHITECTURAL DRAUGHTSMAN immediately. Kindly contact Russell Diplock Associates, 68, Victoria Street, London, S.W.1, telephone No. TATe Gallery 4040. 2645

ARCHITECT, young and energetic required by the National Research Laboratories of THE ENGLISH ELECTRIC COMPANY, LTD., Stafford. Duties consist of the preparation of designs and execution of construction of buildings associated with the laboratories where, owing to the nature of the work, constant renewals and modifications are necessary. Some office work would be required in the preparation of specifications for the section of the laboratories which carries out construction and installation work. Candidates must be prepared to work in conjunction with the consultant architect who visits the laboratories periodically. The post offers excellent opportunities and the salary offered will be according to age, qualifications and experience. Applications in first instance to Dept. C.P.S., 336/7, Strand, W.C.2. 2644

J. DOUGLASS MATHEWS & PARTNERS, Chartered Architects, 3, Ebury Street, London, S.W.1, require SENIOR and JUNIOR QUALIFIED ASSISTANTS. Seniors capable of leading design teams. Salaries in accordance with experience. 2646

URGENTLY required for varied and interesting work, TWO ARCHITECTURAL ASSISTANTS with at least three years' office experience, "Contemporary" office, W.1. Salary by agreement. David Stern, 24, Gloucester Place, Hunter 0451. 2640

ARCHITECTURAL DRAUGHTSMAN aged about 25 required by the Architects Department of major Oil Company. Candidates must have a good knowledge of building construction, be quick, neat draughtsmen, and a knowledge of perspective would be an advantage. There is an established Pension Scheme and Sickness Benefit Plan, and Luncheon Vouchers are issued daily. Salary will be paid according to qualifications and experience. Please apply, giving full details of career to date, together with salary required, to Box 2642.

ARCHITECTURAL ASSISTANTS of Intermediate standard required by well-known London Architects with a large and varied practice in all parts of the country. An excellent opportunity for gaining London experience and with the chance of rapid promotion to a position of responsibility. Applicants must have a good standard of contemporary design and knowledge of construction. Fares and expenses for interviews will be paid. Apply Box 2637.

ARCHITECTURAL ASSISTANTS required, Intermediate and Final stages, for Charing Cross office. Please write for interview, Box 2706.

J. M. AUSTIN-SMITH & PARTNER, 29, Sackville Street, W.1 (Regent 6183) require ARCHITECTURAL ASSISTANTS with some office experience in either Factories, Schools, Shops or Flats. Write giving full details. 2620

SENIOR ARCHITECTURAL ASSISTANT required for expanding contemporary practice, must be qualified. C. H. Elsom, F.R.I.B.A., 44, Catherine Place, S.W.1 VICtoria 4304. 2621

LLEWELLYN SMITH & WATERS invite applications from (a) QUALIFIED ARCHITECTS to take charge of large industrial projects. Experience of job management and knowledge of present-day constructional forms is essential. (b) QUALIFIED and UNQUALIFIED SENIOR and JUNIOR ASSISTANTS to work on these and other projects. (c) In Worcester Office, ASSISTANT of R.I.B.A. Inter. Standard with three years' office experience. Preferably with experience of job supervision and specifications. Salary according to experience and ability. Write 103, Old Brompton Road, S.W.7. 2623

VACANCIES exist for LEADING ASSISTANT ARCHITECTS on British Railways at York. Applicants must be Chartered Architects and have ability in architectural design, knowledge of modern building technique and have had some experience of the control of a small staff. Salary range £950/£1,000.

A vacancy also exists for an ASSISTANT ARCHITECT who should be a qualified Architect, or if not, have had several years' experience. Responsible for sketches and working drawings under supervision for smaller jobs. Salary range £720/£780.

Applications in writing, giving age, experience, qualifications, etc., to the Chief Civil Engineer, British Railways, North Eastern Region, York. 2625

JUNIOR ARCHITECTURAL ASSISTANT required for busy office in Hampshire. State training and salary required. Box 2665.

OPPORTUNITIES FOR WOMEN ABROAD: Leading firm of Kenya architects engaged on large exciting schemes is prepared to offer a few vacancies to competent DRAUGHTSWOMEN in their Nairobi and Mombasa offices. There is good hostel accommodation at reasonable rates, fare out paid and good remuneration to suitable applicants. Further details from: OSS. 74/4, Overseas Technical Service, 5, Welldon Crescent, Harrow, Middx. 2664

ARCHITECTURAL ASSISTANTS. — Intermediate and Final Standard required immediately in Merseyside Office. Good prospects and working conditions. Write stating experience and salary required. Box 2662.

ASSISTANT required for "young" London office. Inter. to Final Standard with good practical experience. Opportunity for energetic man or woman as FIRST ASSISTANT in the office. Write full particulars, Box 2661.



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THE ARCHITECTURAL PRESS, 9-13 Queen Anne's Gate, Westminster, S.W.1.

ARCHITECTURAL ASSISTANT required; Intermediate Standard or above, an interesting variety of work. Some office experience essential. Salary according to age, experience, etc.: George Watt, A.R.I.B.A., 146, Mostyn Road, S.W.19. Liberty 8181. 2658

ARCHITECTURAL ASSISTANT required, up to at least intermediate standard, Westminster Office. Pension and bonus schemes, five-day week. Write stating experience, age and salary required. Box 2656.

ARCHITECTURAL ASSISTANT required up to Intermediate R.I.B.A. Standard, for Housing and Estate work in West End Office. Salary £300 to £400 p.a., according to qualifications and experience, with prospects for advancement. Apply Percy Bilton Ltd., 113, Park Street, W.1, or Tele: May 8240. 2654

STRUCTURAL DESIGNER; ARCHITECTURAL ASSISTANTS; GENERAL CIVIL ENGINEERING ASSISTANTS; DRAUGHTSMEN (including Structural, Heating and Ventilation, etc.). THE Steel Company of Wales Limited (Steel Division) invite applications for the above vacancies in their central Drawing Offices at Abbey Works, Port Talbot.

Applicants should have sound experience of Drawing Office work and for the senior jobs should possess previous supervisory experience.

The positions are permanent and pensionable and carry attractive rates and conditions. Splendid opportunities for promotion within an expanding industry.

Those wishing to apply, should write for official Application Form (stating which vacancy is being applied for) to:—

Personnel Superintendent, The Steel Company of Wales Limited (Steel Division), Abbey Works, PORT TALBOT, Glam. 2655

ABLE ARCHITECTURAL ASSISTANTS required in West End practice—all grades. Write for appointment. Box 2629.

YOUNG ASSISTANT required to Staff Architect of progressive combine with H.Q. in London and branches throughout the country. Able to run small contracts and to work with minimum of supervision. Occasional travelling involved. Contributary superannuation scheme. Write giving full details to Box 2631.

ARCHITECTURAL ASSISTANTS of Final and Intermediate standard required in private practitioner's office, Glasgow. Salary £450—£900 per annum dependent on qualifications and experience. Box 2632.

ARCHITECTURAL ASSISTANT required for London Office with varied practice, including Hospital and Industrial buildings. Salary up to £950, according to qualifications and experience. Five-day week. Good prospects and scope for suitable applicant. Apply stating age and experience to Box 2678.

ARCHITECTURAL ASSISTANT required. Basic salary £750—£800. Profit-sharing co-partnership firm with opportunities for keen man. Apply Co-operative Planning Ltd., 73b South Side, Clapham Common, S.W.4. 2682

SENIOR and JUNIOR ASSISTANT ARCHITECTS required, S.W.1 architect's office. Commencing salary £950 and £850 respectively, superannuation, luncheon vouchers and five-day week. Box 2616.

ARCHITECT'S ASSISTANT required by Brewery Architect to take charge of small office. Splendid opportunity for advancement for young man not necessarily qualified. State salary, age and experience, to ARCHITECT, Box 2619.

ARCHITECTURAL ASSISTANTS.

APPLICATIONS are invited for posts as ARCHITECTURAL ASSISTANTS in the Civil Engineer's Office at B.O.A.C. Headquarters, London Airport.

Salary from £742 10s. p.a. according to age and experience.

Preference given to candidates over 25 years old with following qualifications and experience:—

Associate R.I.B.A.

Experience in design of industrial buildings, offices and shop fitting.

Competence in rapid sketch planning and estimating.

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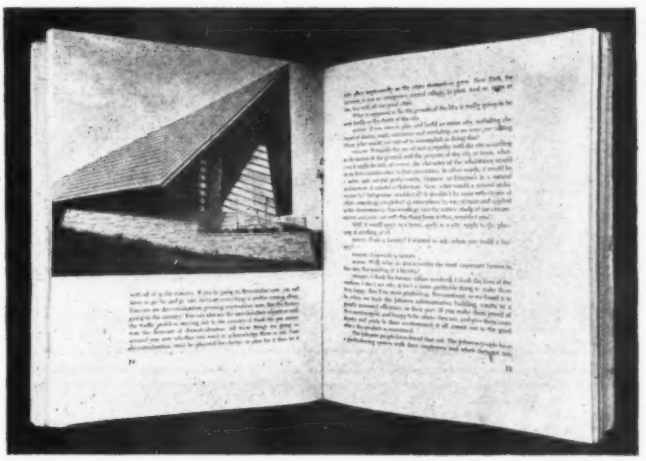
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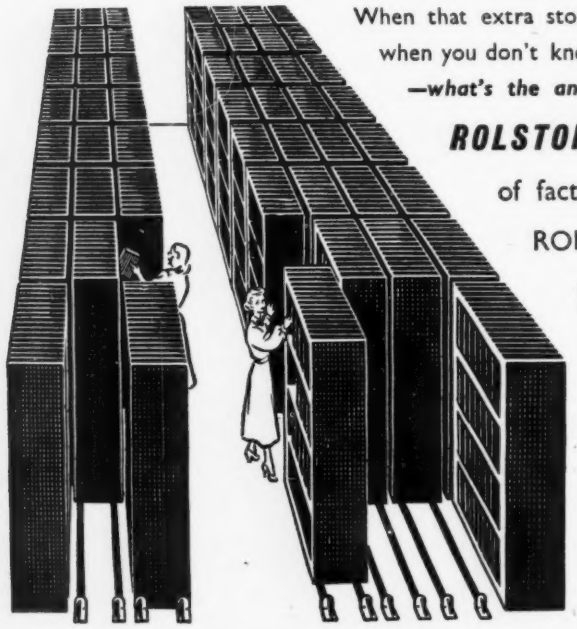
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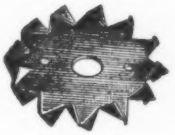
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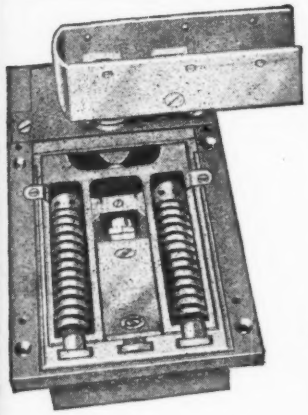


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